





PENNSYLVANIA COLLEGE
FOR WOMEN
BULLETIN

ANNOUNCEMENTS FOR
1940-1941

REGISTER OF FACULTY AND STUDENTS FOR
1939-1940

PITTSBURGH, PENNSYLVANIA
MARCH 1940

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Correspondence

IN the list below are the names and addresses of persons to whom inquiries of various types should be sent. The post office address is Pittsburgh, Pennsylvania.

Correspondence regarding the general interests of the College should be addressed to **THE PRESIDENT OF THE COLLEGE**.

Requests for catalogues, inquiries regarding admission to the College and the reservation of rooms in the halls of residence as well as inquiries regarding the academic work of students, their withdrawal from College, leaves of absence, scholarships and loan funds should be addressed to **THE DEAN OF THE COLLEGE**.

Correspondence relating to the business matters of the College and payment of College bills should be addressed to **THE ASSISTANT TREASURER**. Checks should be made payable to the **PENNSYLVANIA COLLEGE FOR WOMEN**.

Correspondence relating to the publicity of the College should be addressed to **THE DIRECTOR OF PUBLICITY**.

Requests for transcripts of records should be addressed to **THE RECORDER**.

Correspondence relating to the alumnae of the College should be addressed to **THE SECRETARY OF THE ALUMNAE ASSOCIATION**.

Those wishing to get in touch with an **ALUMNAE REPRESENTATIVE** living near their home should consult pages 86-88 for the address.

Calendar

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College Calendar

Academic Year—1939-40

REGISTRATION FOR FRESHMEN.....	9 A.M.-1 P.M., Monday, September 18
FRESHMAN ASSEMBLIES AND TESTING PROGRAMS	
	1:30-4:30 P.M., Monday, September 18
	9 A.M.-4:30 P.M., Tuesday, September 19
REGISTRATION FOR UPPER-CLASSMEN.....	9 A.M.-4 P.M., Tuesday, September 19
OPENING OF 69TH ACADEMIC YEAR.....	10:00 A.M., Wednesday, September 20
HOLIDAY, ARMISTICE DAY	Saturday, November 11
THANKSGIVING VACATION BEGINS.....	12:30 P.M., Wednesday, November 22
THANKSGIVING VACATION ENDS.....	8:30 A.M., Monday, November 27
CHRISTMAS VACATION BEGINS.....	12:30 P.M., Thursday, December 21
CHRISTMAS VACATION ENDS.....	8:30 A.M., Monday, January 8
MID-YEAR EXAMINATIONS BEGIN.....	9:00 A.M., Thursday, January 25
SECOND SEMESTER BEGINS.....	8:30 A.M., Tuesday, February 6
SPRING VACATION BEGINS.....	12:30 P.M., Friday, March 22
SPRING VACATION ENDS.....	8:30 A.M., Tuesday, April 2
FINAL EXAMINATIONS BEGIN.....	9:00 A.M., Tuesday, May 28
ALUMNAE MEETING	4:00 P.M., Saturday, June 8
CLASS DAY	Saturday, June 8
BACCALAUREATE SERMON	11:00 A.M., Sunday, June 9
67TH ANNUAL COMMENCEMENT.....	10:30 A.M., Monday, June 10

Academic Year—1940-41

REGISTRATION FOR FRESHMEN	9 A.M.-1 P.M., Monday, September 16
FRESHMAN ASSEMBLY	10:30 A.M., Monday, September 16
FRESHMAN ASSEMBLIES AND TESTING PROGRAMS	
	1:30-4:30 P.M., Monday, September 16
	9:00 A.M.-4:30 P.M., Tuesday, September 17
REGISTRATION FOR UPPER-CLASSMEN.....	9:00 A.M.-4 P.M., Tuesday, September 17
OPENING OF 70TH ACADEMIC YEAR.....	10:00 A.M., Wednesday, September 18
HOLIDAY, ARMISTICE DAY.....	Monday, November 11
THANKSGIVING VACATION BEGINS.....	12:30 P.M., Wednesday, November 20
THANKSGIVING VACATION ENDS.....	8:30 A.M., Monday, November 25
CHRISTMAS VACATION BEGINS.....	12:30 P.M., Thursday, December 19
CHRISTMAS VACATION ENDS.....	8:30 A.M., Monday, January 6
MID-YEAR EXAMINATIONS BEGIN.....	9:00 A.M., Thursday, January 23
SECOND SEMESTER BEGINS.....	8:30 A.M., Tuesday, February 4
SPRING VACATION BEGINS.....	12:30 P.M., Friday, April 4
SPRING VACATION ENDS.....	8:30 A.M., Tuesday, April 15
FINAL EXAMINATIONS BEGIN.....	9:00 A.M., Wednesday, May 28
ALUMNAE MEETING.....	4:00 P.M., Saturday, June 7
CLASS DAY.....	Saturday, June 7
BACCALAUREATE SERMON	11:00 A.M., Sunday, June 8
68TH ANNUAL COMMENCEMENT.....	10:30 A.M., Monday, June 9

NOTE: Classes are omitted Junior Prom Saturday.

Board of Trustees

Officers

ARTHUR E. BRAUN.....	President
RALPH W. HARBISON.....	First Vice-President
JAMES E. MACCLOSKEY, JR.....	Second Vice-President
MRS. CHARLES H. SPENCER	Secretary
PEOPLES-PITTSBURGH TRUST CO. OF PITTSBURGH.....	Treasurer

Members

Term Expires 1940

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ARTHUR E. BRAUN	*ANDREW W. MELLON
GEORGE D. LOCKHART	ALEXANDER C. ROBINSON
MRS. GEORGE M. SWAN	

Term Expires 1941

FREDERICK G. BLACKBURN	JAMES E. MACCLOSKEY, JR.
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Term Expires 1942

MRS. WILLIAM N. FREW	**MRS. ELIZABETH BURT MELLOR
CHARLES F. LEWIS	MRS. ALEXANDER MURDOCH
MRS. JOHN R. McCUNE	HERBERT L. SPENCER

*Deceased, August, 1937

**Alumnæ Representative, assuming duties June, 1940

Administration

Officers of Administration

HERBERT L. SPENCER, PH.D.....	President
MARY HELEN MARKS, L.H.D.....	Dean
MARGARET A. STUART.....	Secretary and Assistant Treasurer
HARRIET D. McCARTY, A.B.....	Librarian
JOSEPHINE CAMPBELL, A.B.....	Field Representative
VERA L. MOWRY, A.M.....	Secretary to the President
HAZEL COLE SHUPP, PH.D.....	Director of Publicity
MARY IDA McFARLAND, A.B.....	Recorder
MARJORIE M. CHUBB, A.B.....	Secretary to the Dean
INA V. HUBBS, B.S.....	Assistant Librarian

Faculty

HERBERT L. SPENCER.....	President
B.S., Carnegie Institute of Technology; A.M., Ph.D., University of Pittsburgh	
MARY HELEN MARKS.....	Dean
A.B., Smith College; A.M., L.H.D., Pennsylvania College for Women	
VANDA E. KERST.....	Professor of Speech and
Head of the Department of Speech	
Heidelberg University; special training at Curry School of Expression, University of Chicago, University of Wisconsin, University of London, Speech Institute of London	
CARLL W. DOXSEE.....	Professor of English and
Head of the Department of English	
A.B., A.M., Wesleyan University; Ph.D., Princeton University	

- JAMES S. KINDER.....Professor of Education and
Head of the Departments of Education and Psychology
B.S., Southeast Missouri Teachers College;
A.M., Ph.D., Columbia University
- ANNA L. EVANS.....Professor of History and
Political Science and Head of the Department of History
A.B., Oberlin College; A.M., Smith College
Ph.D., Columbia University
- EARL K. WALLACE.....Professor of Chemistry and
Head of the Department of Chemistry and Physics
B.S., Pennsylvania State College; A.M., Ph.D., Columbia University
- HELEN CALKINS.....Professor of Mathematics
and Head of the Department of Mathematics
A.B., Knox College; A.M., Columbia University;
Ph.D., Cornell University
- *EDWARD W. MONTGOMERY.....Professor of Sociology
and Head of the Department of
Sociology and Economics
A.B., Parsons College; A.M., Ph.D., University of Chicago
- NITA L. BUTLER.....Professor of
Greek and Latin and Acting Head of the
Department of Classical Languages
A.B., A.M., Ph.D., University of Michigan
- MARGARET T. DOUTT.....Associate Professor of Biology
and Acting Head of the Department of Biology
B.S., M.S., University of Pittsburgh; Ph.D., Michigan State College
- *MARY I. SHAMBURGER.....Assistant Professor of English
A.B., Guilford College; A.M., Columbia University
- LABERTA DYSART.....Assistant Professor of History
A.B., University of Nebraska; A.M., Columbia University
- EFFIE L. WALKER.....Assistant Professor of History
A.B., George Washington University; A.M., Columbia University
- ELEANOR K. TAYLOR.....Assistant Professor of English and
Lecturer in Sociology
A.B., The Rice Institute; A.M., University of Pittsburgh

*On part-time leave of absence, 1939-40.

- HELENE WELKER.....Assistant Professor
of Music and Chairman of the Department of Music
A.B., Hunter College; graduate, Institute of Musical Art, New York
City; graduate study with Ernest Hutcheson, Harold Bauer, and
Lazare Lévy in Paris
- MARGARET ROBB.....Assistant Professor of Speech
A.B., Geneva College; A.M., University of Iowa
- MARION THURSTON GRIGGS.....Assistant Professor of French
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- LILLIE B. HELD.....Assistant Professor of Music
A.B., Carnegie Institute of Technology; A.M., Columbia University
- ELIZABETH PIEL.....Assistant Professor of German
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- DOROTHY M. ANDREW.....Assistant Professor of Psychology
A.B., A.M., Ph.D., University of Minnesota
- DOROTHY A. SHIELDS.....Assistant Professor of
Economics and Sociology
A.B., Goucher College; A.M., University of Pittsburgh
- HAZEL COLE SHUPP.....Assistant Professor of English
A.B., Colby College; Ph.D., Yale University
- LAURA NORTH HUNTER.....Assistant Professor of Biology
A.B., Bryn Mawr College; A.M., Ph.D., University of Pennsylvania
- MARGUERITE MAINSSONNAT OWENS.....Assistant Professor
of French
B.S., Cours Louis Marin, Paris; Certificat pédagogique, Paris; Ecole
des Hautes Etudes, Sorbonne; M.A., Hamline University
- N. R. HIGH MOOR.....Lecturer in Religious Education
B.L., M.A., Kenyon College; D.D., Bexley Theological Seminary
- HELEN G. ERRETT.....Instructor in Physical Education
A.B., Pennsylvania College for Women
- †OLIVE O. HARRIS.....Instructor in Education
B.S., Columbia University; M.Ed., University of Pittsburgh
- †RALPH LEWANDO.....Instructor in Violin
Studied at Royal Imperial Conservatory of Vienna under Sévcik;
attended Vienna University, studied with Leopold Auer

†Part time only.

- †RUTH ELEANOR STAPLES.....Instructor in Spanish
A.B., A.M., University of Pittsburgh
- †EARL B. COLLINS.....Instructor in Organ
Mus.B., Syracuse University
- GERTRUDE N. AYARS.....Instructor in Voice
Mus.B., Kansas City Conservatory of Music; studied under Hageman
and under Gabrielle Chriseman in Nice; coached with Jean deReszke
- †VIVIAN M. RAND.....Instructor in English
B.S., University of Alabama; A.M., University of North Carolina
- †SAMUEL ROSENBERG.....Instructor in Applied Art
National Academy of Design, New York; A.B., Carnegie Institute
of Technology; First Honor, Associated Artists of Pittsburgh
- HANNA GUNDERMAN.....Instructor in Secretarial Studies
A.B., Muskingum College; M.Ed., University of Pittsburgh
- †ELMER E. STICKLEY.....Instructor in Physics
B.S., Carnegie Institute of Technology
- ALLEN W. SCHOLL.....Instructor in Chemistry
B.S., Ashland College; M.S., Ph.D., Pennsylvania State College
- *RUTH M. MOORHEAD.....Instructor in English
A.B., Pennsylvania College for Women; A.M., University of Pittsburgh
- HELEN A. GRIFFITH.....Assistant in Biology
A.B., Pennsylvania College for Women

School of Nursing—Allegheny General Hospital

- MILDRED I. LORENZ, B.S., R.N.....Director of Nurses and
Principal of School of Nursing and Health
University of Cincinnati
- ETHEL M. GILBERT, B.S., M.A., R.N.....Educational Director
Battle Creek Hospital, School of Nursing, Battle Creek, Mich.
Columbia Hospital, New York

With the exception of the President and the Dean, the
names in each group are arranged in order of appointment.

†Part time only.

*Substituting for Miss Shamburger.

Other Officers

ETHEL C. BAIR, A.B.	House Director, Woodland Hall
CHESTER C. O'NEIL.....	Superintendent of Buildings and Grounds
ANNA E. WEIGAND.....	Manager of Book Store
KATHERINE L. HARRISON, R.N.	Resident Nurse
GLADYS HOWELL.....	Accountant
*ELSIE MCCREERY, A.B.....	Alumnae Secretary
DR. IRENE D. FERGUSON.....	College Physician
DR. T. GORDON FERGUSON.....	College Physician
RUTH DEMMLER.....	Librarian, P.C.W. Film Service
MRS. MARION M. BENN.....	House Director, Berry Hall
**MARGARET F. PERRY, A.B.....	Alumnae Secretary

*Resigned October 1, 1939.

**Assumed duties October 2, 1939.

Standing Committees

Faculty

ADMISSIONS—Dean Marks, Miss Campbell, Miss Chubb, Mr. Kinder, Miss McFarland

ADVISORY—The President, The Dean, Secretary of the Faculty, Mr. Kinder, Miss Piel, Mrs. Shupp, Miss Taylor, Miss Walker

CHAPEL — President Spencer, Dean Marks, Miss Hunter, Miss Mowry, Mrs. Rand, Miss Welker

CURRICULUM — Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mrs. Doult, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Robb, Miss Welker, Dean Marks and President Spencer, *ex officio*

LIBERAL ARTS—Dean Marks, Mrs. Doult, Miss Evans, Miss Taylor, Mr. Wallace, Miss Welker

LIBRARY—Miss McCarty, Miss Hunter, Mrs. Owens, Miss Robb, Miss Shields

PUBLIC EVENTS—Dean Marks, Mrs. Ayars, Miss Held, Miss Kerst, Miss Howell, Miss Robb, Mrs. Spencer, Miss Staples, Miss Stuart

PUBLICATIONS — Mrs. Shupp, Miss Butler, Miss Campbell, Miss Gunderman, Dean Marks, Miss Mowry, Miss Stuart

SCHOLARSHIP — Dean Marks, Miss Andrew, Miss Evans, Miss Griggs, Miss Moorhead, Mrs. Rand, Miss Shamburger, Mr. Wallace, Miss McFarland, *ex officio*

Faculty-Student

FACULTY-STUDENT COUNCIL — President Spencer, Dean Marks, Miss Errett, Miss Dysart, Mr. Wallace. Student membership: President of the Student Government Association, first and second vice-presidents of the Student Government Association, first and second vice-presidents of the Student Executive Board, class presidents, President of the Young Women's Christian Association, President of the Athletic Association, Editor of *The Arrow*.

FACULTY-STUDENT CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mrs. Doult, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Robb, Miss Welker, Dean Marks and President Spencer. Student membership: A senior chairman and one member chosen from each of the four classes.

Pennsylvania College for Women

PENNSYLVANIA COLLEGE FOR WOMEN is a school of liberal arts and sciences, conferring the degrees of Bachelor of Arts and Bachelor of Science. It offers instruction in the basic fields of knowledge and seeks to prepare its students for intelligent participation in the social order. It aims to equip students who wish to undertake graduate study or professional work with a sound foundation for their future activities, and to provide others who do not wish to take graduate work or to prepare for a profession with a broad general education. The College is non-denominational and welcomes students of all faiths. Because it is a small school, Pennsylvania College for Women is able to maintain an informal and friendly relationship between students and faculty that is conducive to good scholarship and personal development. Students are expected to live in college dormitories or in their own homes, unless special permission has been given directly from the Dean for any other living arrangements.

Foundation

The College was founded in December 1869, under the leadership of Dr. W. T. Beatty, pastor of the Shadyside Presbyterian Church. Fostered at first by members of the Presbyterian church, it has since become non-denominational. The College motto is "That our daughters may be as cornerstones, polished after the similitude of a palace."

Development

All College activities originally took place in the residence now known as Berry Hall, which was named in honor of its former owner. Dilworth Hall, named for the largest contributor toward the construction of the building, was erected in 1888. A preparatory school known as Dilworth Hall was connected with the College in its early years but was discontinued in 1916. A gymnasium and music hall were next added to the group of buildings on the campus. When the increased enrollment made it imperative to erect a new dormitory,

Woodland Hall was built. The Louise C. Buhl Hall of Science, which is unusually well equipped, and the beautiful James Laughlin Memorial Library were completed in 1932. A campaign for \$1,500,000 for construction and endowment is now in progress and plans are being made for a new administration building and also for a new gymnasium and a new auditorium and student social center.

Environment

Pennsylvania College for Women is situated on a hill crest of quiet, residential Woodland Road. The beautiful, eleven-acre campus provides a natural amphitheatre for May Day fetes and ample grounds for athletic fields. The College is fifteen minutes from the Civic Center of Pittsburgh where students may enjoy concerts by the world's outstanding musicians, visit the galleries housing the paintings of the International Art Exhibition, and take advantage of the many resources of the Carnegie Library and Museum.

Affiliation

The College is included in the accepted list of the Association of American Universities, and is on the accredited list of the Middle States Association of Colleges and Secondary Schools, and the American Association of University Women.

Admission of Students

Admission to the Freshman Class

THE factors to be taken into consideration in the admission of students are: quality of preparation, amount of preparation, endorsement of the secondary school, personal qualifications, an interview (wherever possible), and scholastic aptitude. The Committee on Admissions places greater emphasis on the quality of work done and the general fitness of the applicant for college work than on the number of units offered in specific subjects. A unit implies the study of a subject for a time equivalent to five periods a week for one year.

Candidates may apply for admission under one of the following plans:

- I. A graduate of an accredited secondary school should present fifteen units, of which three units must be in English. Of the remaining twelve units, nine are required from the following fields: (1) Language: Latin, Greek, French, German, Italian, Spanish; (2) Mathematics: Algebra, Plane Geometry, Trigonometry; (3) Science: Biology, Botany, Chemistry, Physics, Zoology; (4) Social Studies. The other three units may be from subjects not listed above. Special emphasis is placed upon the work of the upper three years in the secondary school. If foreign language is presented for entrance, at least two units in one language should be submitted.
- II. Students graduating from accredited high schools in the state of Pennsylvania which are organized on the three-year senior high school basis must present a minimum program of thirteen units in the tenth, eleventh, and twelfth years, to be distributed as follows: (1) three units in English; (2) six units from the fields of Mathematics, Science, Social Studies, or Foreign Languages, with not less than two units in each field offered; (3) four units which may be presented as single units in the fields mentioned above; or two units from the above fields and two units elected from other fields.
- III. Applicants from progressive public and private secondary schools who have shown superior ability in their high school work, but who cannot present the proper units for admission, may avail themselves of the opportunity of admission by examination. This examination will be a scholastic aptitude test. Note: This exam-

ination requirement does not apply to students coming from the group of Progressive Schools recommended by the Progressive Education Association, whose graduates we have agreed to accept over a five year period, beginning in September 1936, on the same basis as students applying under (I), without examination.

Admission Procedure

An applicant for admission to the freshman class should write to the Dean of Pennsylvania College for Women for an application blank. When this has been received by the college, together with the \$10.00 application fee, the college will send a form to the secondary school on which the academic record of the student will be recorded. These forms should be sent to the college as early as possible in the student's secondary school course. Letters of recommendation will also be secured by the college from the high school.

When the preliminary records have been received and found satisfactory, an additional blank will be sent the high school for the recording of the final grades. When this has been received and approved, the applicant will be notified of her acceptance into the freshman class.

Additional information will be sent the accepted student during the summer before entrance concerning choice of courses, and the opening days of college.

Proficiency tests will be given all members of the freshman class during the first week of college in September. These are in no sense entrance tests, but will be helpful to the college in the placement of students in certain courses, or in certain sections of courses.

Each applicant for admission to the freshman class should read carefully the objectives of the college on page 18 and the courses offered, and should feel free to write to the Dean for any additional information, or for an explanation of any material in the catalogue.

Admission to Advanced Standing

Students who present credits from other accredited colleges whose entrance requirements and whose courses of study are equivalent to those of Pennsylvania College for Women may be admitted to advanced standing without examination.

Candidates for admission on advanced standing will be given tentative standing which will be made permanent after the satisfactory completion of one year's work in Pennsylvania College for Women.

An applicant for admission to advanced standing should observe the following procedure:

1. File an application on a form to be secured from Pennsylvania College for Women.
2. Send a statement giving the reason for leaving the present college, the reason for choosing Pennsylvania College for Women, and indicating the major subject.
3. Have the present college send an official transcript of the work taken there up to the time of making application.
4. Send a marked copy of the catalogue of the college attended, indicating the courses for which credit is desired.
5. Request the Dean of Women to send to the Dean of Pennsylvania College for Women a letter of personal recommendation.
6. At the close of the semester when entrance is desired, have the present college send,
 - (a) A final transcript of record.
 - (b) A statement of honorable dismissal.

Candidates for the degree of Bachelor of Arts must spend at least the senior year at Pennsylvania College for Women.

Admission of Special Students

Students of maturity are permitted to enter classes for which their previous training and experience have qualified them. Arrangements should be made by a personal interview with the Dean. Such students are subject to the same requirements as other students as to attendance, examinations, standing in class, and general regulations, if credit is desired for the work taken.

The Program of Studies

THE program of studies of Pennsylvania College for Women is designed to equip and train women to live vitally and responsibly in contemporary life. Such a program necessitates broad concepts of woman's part in the spiritual and civic life of home and community. A recent revision of the curriculum divides the program into two parts: the Lower Division, freshman and sophomore years, during which the student acquaints herself with many fields of human thought; and the Upper Division, junior and senior years, during which she concentrates in a field of particular interest.

Lower Division

The specific aims of the Lower Division are to assist the student:

1. To acquire effective habits and methods of study.
2. To acquire a wide range of information necessary to critical and objective thinking.
3. To develop artistic and aesthetic appreciation.
4. To acquire ability to make social adjustments.
5. To develop and maintain physical and mental health.
6. To stimulate intellectual curiosity and resourcefulness.
7. To prepare for intelligent and fruitful participation in the immediate and larger social order.
8. To foster spiritual and philosophical attitudes.
9. To discover and develop her own capacities and interests.

In order to meet the above stated objectives, the curriculum of the Lower Division is arranged in four groups:

GROUP I—*Arts*: Art, English language and literature, music, speech.

GROUP II—*Foreign Language and Literature*: French, German, Greek, Italian, Latin, Spanish.

GROUP III—*Sciences*: Astronomy, biology, botany, chemistry, geology and geography, mathematics, physics, psychology, zoology.

GROUP IV—*Social Studies*: Economics, education, history, philosophy, political science, religion, sociology.

Specific Requirements of the Lower Division

The specific requirements of the Lower Division are: English 1-2 (a freshman year requirement), Speech 1-2, one year of a laboratory science, and two year-courses in physical education, including hygiene in the freshman year.

Students may secure exemption from the Speech requirement by applying for permission to take the proficiency test in this subject to be given at entrance, and at the beginning of each successive semester.

Foreign Language Reading Test

All students must pass a reading test in one foreign language before graduation, preferably by the end of the sophomore year. Entering students may make application to take this reading test if they have had superior language preparation. Lower division students earning exemption from the language requirement need not choose another subject from Group II unless they wish to do so. These tests are given twice a year—at the opening of the college year in September and in May.

Freshmen will register for five courses, one to be selected from each of the four groups and one at large.

Sophomores will register for five courses, one to be selected from each of three groups and two at large. No student may select more than two courses from any one group.

A student in the Lower Division may elect courses from the Upper Division, provided her preparation has fitted her for more advanced work, or provided she has a special interest in a particular field. A student in the Upper Division may occasionally elect courses from the Lower Division, if her adviser considers such courses essential to her chosen field of study.

Students taking applied music for credit will be given special consideration to the extent that certain group requirements may be postponed.

The schedules of students in the Lower Division will be under the supervision of the Dean. At the end of the sophomore year each student will choose her major field. The head of her major department will then be her adviser.

In order to qualify for admission to the Upper Division a student must attain the required quality point average in the Lower Division work. No certificate will be given upon completion of the Lower Division.

Upper Division

The objectives for the Upper Division, in addition to the continuation of those in the Lower Division, are:

1. To provide opportunity for the expression and development of creative ability.
2. To permit concentration in the field of the student's special interest and ability.
3. To give opportunity for vocational and professional preparation.
4. To provide a general college education for students who plan no further formal education.
5. To encourage students to continue their own education and to relate their knowledge and training to life—or to living.

Majors

Students gaining admission to the Upper Division may select a major from the following fields: Biology, chemistry, inter-departmental science (natural science and pre-medical), education, English language and literature, modern language and literature, classical language and literature, history, mathematics, music (applied music and musical theory), psychology, sociology and economics, and speech.

Each department has its special requirements to which sufficient electives are added to complete the requisite number of hours for graduation. Students following the departmental major must select at least 12 semester hours of their major work from Upper Division Courses. Major requirements are listed at the beginning of the course offerings in each department.

Liberal Arts Major

Provision is made for a Liberal Arts Major. This major is offered for the student who does not plan to pursue graduate study. It cuts across departmental lines, making possible many combinations of courses. The Liberal Arts Majors will be under the supervision of an Advisory Committee, consisting of the Dean as Chairman, and one faculty member chosen from each of the four groups.

Each Liberal Arts Major must present a definite course pattern for approval by the faculty committee in charge of these majors, at the close of the sophomore year, and must select thirty semester hours from courses numbered over 100.

SUGGESTED PROGRAMS FOR THE LIBERAL ARTS MAJOR: A major in the following fields may be built up from a combination of subjects selected from those listed under each heading. Selection should be made with reference to the student's interests and objectives.

1. *Modern Community.* Contemporary history, economics, sociology, psychology, consumers problems, child welfare, eugenics and euthenics, hygiene, genetics, contemporary art, religion, contemporary British and American poetry, music, art, etc.
2. *American Civilization.* American government, U. S. history, political science, sociology, labor problems, economics, The family, eugenics and euthenics, hygiene, psychology, music, art, American literature, etc.
3. *Home Making.* Family, child psychology, genetics, eugenics and euthenics, hygiene, mental hygiene, chemistry, descriptive physics, bacteriology, educational psychology, consumers problems, music, art, mathematics of finance, etc.
4. *Comparative Literature.* English, French, German, Spanish, Italian literature.

Other combinations may be arranged to suit interests of the particular student involved.

Honors Work

A system of honors work, to be effective for the year 1940-1941, has been arranged with the objective of providing an opportunity for individual study for the exceptional student.

Governing Board

The governing board of the system of honors work shall be called the *Committee on Honors Work*. This committee shall consist of four members from the faculty, representing the four curriculum groups, who shall be appointed by the President and the Dean, both of whom shall also be members of the Committee.

Students Eligible for Honors Work

Honors work shall be permitted only to students who have shown themselves to be capable of individual and intensive work, and who have also attained high academic rating. The field of honors work shall be defined as broadly as possible, so that the student may read

in subjects related to her major subject. This shall not be considered as research work.

In general, not more than ten per cent of any class shall be eligible for honors work. It may happen in a certain year that there will be no students in a given field who will qualify for the work; in other years there may be more than one. The only basis for selecting students shall be ability plus achievement.

Selection of students who shall do honors work shall be based on one of the following plans:

1. A student may be recommended by a majority of the members of the faculty with whom she has had class work.
2. A student may apply for honors work on her own initiative, in which case the recommendation of the majority of the members of the faculty with whom she has previously worked must be obtained by the Committee before she is eligible to be considered.

One of the standards by means of which decision shall be made shall be a scholastic aptitude test.

The Committee shall have the sole power to decide on the qualifications of the student on the basis of her record, the recommendations of her teachers, and the scholastic aptitude test. In the event that a student is voted by the Committee eligible for honors work, she shall be notified to that effect. She may or may not choose to do honors work.

Duration and Procedure for Honors Work

Honors work shall be confined to the senior year, with six hours of credit a semester for the work, and shall begin with the senior class in September 1940. Recommendations shall be made to the Committee by members of the faculty on the basis of the first three years' work of the student concerned. Having decided to do honors work, the student shall choose from the faculty, with the approval of the Committee, the person she wishes to direct her work. This person shall have charge of the program of the student, again with the approval of the Committee, and shall meet the student at least once a week for conference during the time she is doing honors work. Other members of the faculty than the director may be asked, by the student herself if she so desires, to give information or aid in such subjects as may seem significant to the project undertaken.

The student doing honors work shall be required to do nine credit hours a semester of class work during the time she is doing honors work. That is, she shall be allowed six credit hours a semester for her honors work.

Special Commencement Honors

The student who has successfully completed honors work shall be eligible for special Commencement honors, based on the results of a comprehensive examination covering the subject matter of her field of study.

General Commencement Honors

Three classes of general honors—Summa Cum Laude, Magna Cum Laude, and Cum Laude—are awarded to those members of the graduating class whose grades are sufficiently high. These awards are made on the basis of grades achieved during the four years of the college course.

Sophomore Honors

Honors are awarded at the end of the sophomore year to the ten members of that class having the highest average in the work of the first two years.

Academic Regulations

The Degree of Bachelor of Arts

STUDENTS are recommended for the degree of Bachelor of Arts upon the satisfactory completion of one hundred and twenty semester hours of academic work, together with eight hours in Physical Education and Hygiene. The usual schedule consists of fifteen hours for each semester exclusive of the requirement in Physical Education.

A certain quality grade is required for graduation and, for the purpose of determining this quality grade, numerical values called "points" are given to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point. In order to be recommended for the degree of Bachelor of Arts a student must have a cumulative average of C for her one hundred and twenty hours. Students who do not have a cumulative average of C at the end of the third year will be advised not to enter the senior class.

The Degree of Bachelor of Science

Students are recommended for the degree of Bachelor of Science upon the satisfactory completion of the five-year nursing course.

Conditions and Failures

A student who receives a condition in any subject at the end of the semester may remove this condition by prescribed work and re-examination at the time set for special examinations in the spring or in the fall, or by the repetition of the course when next regularly given.

A student failing in the work of any course must repeat the course when next regularly given, or must take other work which requires the same number of hours; the course thus taken must conform to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

Students who are conditioned in two courses at the end of a semester will be placed on probation for the following semester. If the stu-

dent shows marked improvement during the period of probation she becomes again a regular student at the end of that period; otherwise she loses class standing, but may continue with the work of the Lower Division by permission of the Scholarship Committee.

A student who is deficient in more than six hours of the required number of hours loses class standing at the end of the year and becomes unclassified until such time as this deficiency shall have been removed.

Any required work unavoidably omitted or not completed at the time when it is regularly scheduled must be taken the following year unless an exception is made by the Scholarship Committee.

Credit may not be given for one semester of a year course except by permission of the Dean and the instructor concerned.

Any student whose scholarship is generally unsatisfactory may be brought before the faculty for action and excluded from college.

Instructors will use all reasonable means to inform a student of her liability to fail in a course, but the student must not regard the absence of such notification as a claim to exemption from a failure.

Reports and Grades

The letters A, B, C, D, E and F are used to designate academic standing. These grades have the following significance: A superior; B, good; C, fair; D, passing; E, condition; and F, failure.

Reports will be sent to parents or guardians at the close of each semester during the freshman and sophomore years. Juniors and seniors may receive their grades from the Recorder on request.

Attendance at College Classes

Students having an average of B for the preceding college year are placed on the Dean's List, and are allowed unlimited cuts from classes. It is hoped that this will make for better scholarship and greater academic freedom for good students.

Each student, except those on the Dean's List, is expected to attend all scheduled meetings of her classes. However, to provide for certain emergencies, the following regulations with regard to absences from classes have been adopted by the Faculty:

Students will be allowed as many unexcused absences each semester in a course as there are hours of recitation a week in that course—

for example, a three-hour course may have three unexcused absences through the semester. This rule does not apply to laboratory work which must be completed to receive credit in the course.

One unexcused absence in any course over the number allowed, unless an exception is made by the Dean, will debar the student from the final examination at the time scheduled. She may take the examination during the period set aside for re-examinations. Two unexcused absences in any course automatically remove the student from that course.

The matter of excused absences will be handled by the Scholarship Committee and the faculty members involved in each case. This group will decide whether a student has missed so much work through illness that she must drop the course.

Unexcused absences twenty-four hours before and twenty-four hours after the following vacations shall count as two absences in each course missed: Thanksgiving vacation, Christmas vacation, between semesters, spring vacation, and the last meeting of the classes for each semester.

Examinations

Examinations are given at the end of each semester. In case of absence from a regular examination, unless the reason for absence is illness, or unless the absence has been previously excused by the Dean, a student may not take the examination until the time set for special examinations in the spring or in the fall, and she will be charged a fee of \$2 for such examination.

Election of Courses

Election of courses for the following year is made in the first week of May. Changes may be made during the first two weeks of each semester, by permission of the Dean and departmental adviser. Changes made at any other time necessitate a special petition to the same authorities and the payment of a fee of \$1.

Summer Courses

Students wishing to do work during the summer in order to gain college credit must secure in advance the consent of the Dean and the department concerned.

Courses of Instruction

THE departments of instruction are arranged in alphabetical order of their titles. Courses in the Lower Division are indicated by numbers under 100; those in the Upper Division by numbers over 100.

Courses listed with two numbers—as English 1-2, Art 5-6—are year courses, and credit is not given for one semester only of such courses except with special permission of the Dean and the instructor.

The college reserves the right to withdraw any course which is not elected by at least six students.

Art

NITA L. BUTLER, Ph.D., Professor
 OLIVE O. HARRIS, M.Ed. }
 SAMUEL ROSENBERG, A.B. } Instructors

1. HISTORY AND APPRECIATION OF ART. Outline of the development of art in Italy, the North, and Spain through the Renaissance. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1941-1942.

2. HISTORY AND APPRECIATION OF ART. Outline of the development of architecture, and painting in France, England, and America up to the present day, and in other countries from the Renaissance on. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1941-1942.

3-4. PUBLIC SCHOOL ART. Elementary study and practice of drawing, design, color theory. The course aims to develop the knowledge, skill, and appreciation necessary to teach art in the elementary school. Lectures and laboratory work. First semester (2), second semester (2). Mrs. Harris. Given in alternate years; offered 1940-1941.

5-6. DRAWING. Basic course, giving fundamentals in drawing from still life, cast, human figure. Acquaints the student with the various media, such as charcoal, pencil, water-color, oil, and tempera. First semester (2), second semester (2). Mr. Rosenberg. An additional fee is charged for this course.

101. MODERN EUROPEAN ART (1800-1939). Development traced mainly in painting in France, but contributions of other countries will also be studied, together with analogous developments in sculpture and architecture. Prerequisite: Art 1 and 2. First semester (2). Given in alternate years; offered 1940-1941. MISS BUTLER.

102. ART IN AMERICA. Survey of the development of American architecture, sculpture, and painting from colonial days to the present. Prerequisite; Art 1 and 2. Second semester (2). Given in alternate years; offered 1940-1941. MISS BUTLER.

103-104. DRAWING. Application of material in Drawing 5-6 to composition and design. Continued sketching from figure with particular emphasis on the development of visual memory. First semester (2), second semester (2). Mr. Rosenberg. Prerequisite: Drawing 5-6 or its equivalent. An additional fee is charged for this course.

105-106. COMMERCIAL DESIGN AND LETTERING. A course in the application of principles of basic design to present day commercial possibilities. Essential formation of classic and modern alphabets will be given with practical exercises in designing posters, advertisement layout, and the like. The aim of the course will be to stimulate the imagination of the students while giving a basic technical equipment necessary to rendering in different media. Co-requisite: Drawing 103-104. First semester (2), second semester (2). Mr. Rosenberg and Mr. William Riggs. An additional fee is charged for this course.

Note: Art 1 and 2 must be taken in order to receive credit for Drawing.

Astronomy

(See Physical Sciences)

Biology

MARGARET T. DOUTT, Ph.D., Associate Professor

LAURA N. HUNTER, Ph.D., Assistant Professor

HELEN GRIFFITH, A.B., Assistant

Students majoring in biology will be expected to take in

Biology: A minimum of four year-courses in the biological sciences, to be chosen in consultation with the head of the department; two years of the biology seminar.

Other sciences: Two year-courses, the choice dependent upon the particular field of biology chosen.

French and German: A reading knowledge is recommended.

1-2. GENERAL BIOLOGY. Studies in the structure, physiology, ecology, and heredity of animals and plants; the principal phyla with reference to their classification, evolutionary significance, and human relationships. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3), second semester (3). MRS. DOUTT, MISS HUNTER, MISS GRIFFITH.

Biology 1 and 2 fulfill the science requirement.

3. Hygiene. A study of personal and community hygiene, including anatomy, physiology, and hygiene of the human body, communicable diseases, first aid, and community and public health problems. Prerequisite: Biology 1 and 2. First semester (3). MISS HUNTER.

4. NATURE STUDY. A study of the plants and animals of western Pennsylvania in relation to their environment, including their collection and identification. Prerequisite: Biology 1 and 2. Second semester (3). MRS. DOUTT.

101. INVERTEBRATE ZOOLOGY. A study of representative invertebrate animals with consideration of the fundamental principles of biology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1941-1942.

102. VERTEBRATE ZOOLOGY. Dissection of the cat combined with discussion of physiology and comparative anatomy. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1941-1942.

103. BOTANY. Field and laboratory studies in the structure and identification of the Algae, Fungi, and Mosses. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1941-1942.

104. BOTANY. Study of the structure and classification of the Ferns and Seed Plants, with field work on the local flora. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1941-1942.

105-106. GENERAL BACTERIOLOGY. The characteristics of yeasts, molds, and bacteria, with emphasis on methods of laboratory technique and identification of bacteria. Second semester: A study of the bacteria in air, water, soil, food, and disease, with their relation to human welfare. Prerequisite: Biology 1 and 2 and Chemistry 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4), second semester (4). MRS DOUTT.

107-108. HISTOLOGY. Training in histological theory and technique in the study of animal and plant material. Prerequisite: Biology 1 and 2. Biology 101-102, or Biology 103-104 recommended. Two lectures and four hours of laboratory each week. First semester (4), second semester (4). Given in alternate years; offered 1941-1942.

109. GENETICS. Detailed study of the facts and theories of heredity. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory each week. First semester (4). Given in alternate years; offered 1940-1941. MISS HUNTER.

110. EMBRYOLOGY. A study of the embryological development of animals. Prerequisite: Biology 1 and 2. Biology 102 and Biology 109 recommended. Two lectures and four hours of laboratory each week. Second semester (4). Given in alternate years; offered 1940-1941. MISS HUNTER.

111. EVOLUTION. A study of the evidences and theories of animal and plant evolution, including consideration of modern biological theories. Prerequisite: Biology 1 and 2. Three lectures each week, or two lectures and a museum trip. First semester (3). MRS. DOUTT.

112. EUGENICS AND EUTHENICS. Lectures and discussions covering the problems of marriage in relation to the individual and to the race. Open only to juniors and seniors. Three lectures each week. Second semester (3). MRS. DOUTT.

113-114. **SPECIAL STUDIES.** Open to students who wish to do advanced work in certain fields. First and second semester. Credits to be arranged. MRS. DOUTT, MISS HUNTER.

115-116. **BIOLOGY SEMINAR.** Reports and discussions of biological problems. Required of juniors and seniors majoring in biology. One hour each week. First semester (1), second semester (1). Biology Faculty. MRS. DOUTT, MISS HUNTER, MISS GRIFFITH.

Interdepartmental Majors

In addition to fulfilling the general requirements for graduation, the student must complete one of the programs stipulated below.

A. NATURAL SCIENCE MAJOR. This major is recommended for students preparing to teach science in secondary schools. The science requirements are:

1. Two years each of two of the following sciences: botany, chemistry, physics, and zoology.
2. One year each of the two required sciences not so elected.
3. Biology or Chemistry seminar.

B. PREMEDICAL MAJOR. Students who wish to prepare to enter medical school will elect this major. The courses listed below are based on the requirements of medical schools of the highest rating: Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 102.

The student must further elect such courses as are requested by the particular medical school which she desires to enter. For this reason it is imperative that she make such a choice before her junior year.

Cooperative Course in Nursing Education

Pennsylvania College for Women conducts a cooperative course in nursing education with the Allegheny General Hospital of Pittsburgh, to help meet the increasing demand for well educated women for positions of responsibility in the field of nursing and health. During the first year, the student enrolls at Pennsylvania College for Women for courses in English, history, physics, biology, and a language, and physical education. Following the freshman year, during July and August, she attends a two-month course at the School of

Nursing of the Allegheny General Hospital in order to gain some professional background. This two-month course will also give the hospital an opportunity to determine the student's qualifications for nursing.

During the second year at the Pennsylvania College for Women, the student takes courses in psychology, chemistry, and sociology in addition to continuing with biology, physical education, and a language. Following this year, during July and August, she attends another two-month course at the School of Nursing of the Allegheny General Hospital.

The student spends the third and fourth years of the course in the School of Nursing of the Allegheny General Hospital, studying the art and science of nursing and gaining well-rounded clinical experience.

For the fifth year at the College, the student's program includes history, hygiene, child welfare, speech, education or economics, and English literature. At the end of the five year course the student receives a diploma in nursing from the School of Nursing and a Bachelor of Science degree from Pennsylvania College for Women.

Chemistry

(See Physical Sciences)

Economics

(See Sociology and Economics)

Education

JAMES S. KINDER, Ph.D., Professor

HAROLD L. HOLBROOK, Ph.D., Director of Adjustment Institute

OLIVE O. HARRIS, M.Ed., Instructor

Students majoring in education are expected to take in

Education: A minimum of twenty-four semester hours, including Education 1-2, 3-4, and 101-102.

Psychology: Psychology 1-2, and 101-102.

Other fields: Students preparing to teach in secondary schools should select at least eighteen hours from each of two academic fields.

1. INTRODUCTION TO EDUCATION. A reading and discussion course of the principles, ideals, and practices in the American public school

system. Prerequisite or co-requisite: Psychology 1. First semester (3). MR. KINDER.

2. INTRODUCTION TO TEACHING IN SECONDARY SCHOOLS. A study of the secondary school with emphasis upon methods of teaching and classroom procedure. Second semester (3). MR. KINDER.

3-4. ELEMENTARY EDUCATION.

- (a) Teaching arithmetic: The application of principles to the teaching of arithmetic. (2)
- (b) Teaching reading: The application of principles of teaching and learning in the basic arts of communication. Emphasis on experience as the approach. Recommended for secondary and elementary school teachers. (2)
- (c) Teaching the social studies: Application of principles of teaching and learning in the field of the social studies. Discussion and evaluation of recent courses of study. The use of local resources and excursions (2). Given in alternate years; offered 1941-1942.

5. TEACHING AND LEARNING IN THE ELEMENTARY SCHOOL: An analysis of the educative process. Emphasis upon education of the whole child and other principles of progressive practice. One semester (2). Given in alternate years; offered 1940-1941. MRS. HARRIS.

7-8. SURVEY OF EDUCATIONAL THOUGHT. (A Reading Course) Education as a means of individual and social improvement. Origin of modern problems, practices, and educational institutions. Contributions of the various nations; relationship between the political and educational development. Conference method. By special arrangement with instructor. Limited to six students. First semester (3), or second semester (3). MR. KINDER.

101. OBSERVATION AND PRACTICE TEACHING. During the first semester, the student serves each day as teaching assistant in her elected major, in one of the available nearby public schools, at first only preparing the regular class assignments and assisting in minor teaching details, later working into the routine of marking tests and daily written work, helping individual pupils and groups of pupils with extra work, and finally, after some two or three weeks of observation, teaching the class. The student follows the line set forth by the regular teacher, and is directly under the college supervisor. In addition, the student participates in scheduled conferences at the College with the supervisor. Prerequisites: Education 1 and Psychology 2. Specific permission must be obtained in order to register for

this course, and registrants are not permitted to carry more than fifteen hours of college credit. First semester (9). MR. KINDER.

102. EDUCATIONAL TESTS AND MEASUREMENTS. The history and development of educational measurement. Emphasis on giving tests and on analysis and interpretation of results. A consideration of means of improving ordinary classroom tests. Prerequisite: Education 1. Second semester (3). Given in alternate years; offered 1941-1942.

104. SCHOOL ADMINISTRATION AND SUPERVISION. Analysis of the problems of the administrator and the supervisor in the modern school system. Plan of federal, state, and local educational agencies stressed. Visits will be made to a number of selected schools. Second semester (3). Given in alternate years; offered 1941-1942.

106. EDUCATIONAL SOCIOLOGY. A sociological consideration of schools and education: aims, curriculum, method. Recitations, lectures, reports. Second semester (3). Given in alternate years; offered 1940-1941. MR. KINDER.

108. OBSERVATION OF TEACHING. Designed for elementary teachers. Object is to acquaint students with school routine before student teaching is begun, and to assure a more extended contact with children. The observations will be correlated with assigned readings and followed by conferences. Open to juniors. Second semester (1). MR. KINDER.

110. VISUAL-SENSORY AIDS. The place of visual and other sensory aids in the learning process. The State course of study will be followed. Topics: research; historical background; verbalism; projectors, still and motion pictures; school journeys; object-specimen-models; museum procedure; pictorial materials; photography; blackboard-bulletin board techniques; radio-vision; bibliography. Two lectures and two hours of laboratory work each week. Occasional trips. Second semester (3). MR. KINDER, MR. SPENCER.

111-112. SEMINAR IN EDUCATION. Readings, investigation, and forum discussion of topics in education and psychology, with emphasis on current research. Open to advanced students in education and psychology. First semester (1), second semester (1). EDUCATION FACULTY.

113-114. MENTAL HYGIENE. Lectures, group discussions, supplementary reading, and personal application of mental hygiene under rational controlled conditions. The general plan of the course will include the meaning of the field of mental hygiene, behavior from

hygiene point of view, disturbances, biological foundations of mental hygiene, personality variations, the home, the school, and the career. First semester (2), second semester (2). MR. HOLBROOK.

Requirements for Recommendation for State Certification

Students are recommended to any state for secondary school certification when they satisfactorily complete the specific requirements of that state, with all requirements for the bachelor's degree. Students are recommended for certification for elementary school teaching when they have completed the elementary curriculum, and satisfied the requirements for the bachelor's degree.

In the state of Pennsylvania the minimum education requirements for the college provisional certificate for secondary school teaching are: Psychology 2, Education 1 and 101, with six other semester hours in education, including special methods courses (not to exceed three hours), a total of eighteen semester hours. In addition it is necessary to have completed at least eighteen semester hours in each subject in which the student wishes to be certified to teach.

Students interested in teaching in the elementary school should consult the head of the Department of Education during the freshman year. Certification for the elementary school necessitates the completion of the special elementary curriculum. Students interested in the teaching of music should consult the head of the music department during the freshman year.

English Composition and Literature

CARLL W. DOXSEE, Ph.D., Professor	
MARY I. SHAMBURGER, A.M.	} Assistant Professors
ELEANOR K. TAYLOR, A.M.	
HAZEL COLE SHUPP, Ph.D.	
VIVIAN M. RAND, A.M., Instructor	

English 1-2 is required of all freshmen, except in certain cases in which admission to English 3-4 is permitted, at the discretion of the department, to freshmen whose preparatory work in English has been of especially high quality.

Students majoring in English will be expected to take a minimum of twenty-four hours in the department, exclusive of English 1-2, which is not to be considered part of the major. For English majors, English 5-6 is prerequisite to all advanced courses in English litera-

ture. Eighteen hours shall be in the Upper Division and shall include at least two courses in English literature. Courses in the Upper Division are arranged in groups. English majors must elect one course from each of Groups A, B, and C. A course in Group D is recommended, together with courses from the fields of history, language, philosophy according to the interest of the student. Election is to be made only upon consultation with the head of the department.

Group A. Middle English Literature and Chaucer
Shakespeare
Milton and the Seventeenth Century

Group B. Eighteenth Century Literature
History of the Drama
History of the Novel
Victorian Literature
Wordsworth and His Contemporaries

Group C. General Writing Course
Creative Writing
Journalism

Group D. Contemporary Poetry
American Literature
Reading Course in Contemporary Thought

1-2. **FRESHMAN ENGLISH.** The purpose of the course is to teach clear and correct expression in writing. Reading of various types of literature to stimulate thought and to furnish examples of craftsmanship. Writing of themes, short and long, on subjects of personal experience, explanation of ideas, and critical comment. First semester (3), second semester (3). MISS SHAMBURGER, MRS. RAND.

Students who do not make at least a grade of C in this course must carry three additional semester hours of English composition during the sophomore year.

3-4. **GENERAL WRITING COURSE.** Designed for those who need or desire further practical writing than that furnished by English 1-2. Various types of writing accompanied by wide reading. Recommended in most cases as preparation for advanced writing courses. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

5-6. **INTRODUCTION TO ENGLISH LITERATURE.** Readings and lectures on the history of English Literature, with classroom discussion of representative works illustrative of different periods and types. Primarily for sophomores; open to freshmen. First semester (3), second semester (3). MR. DOXSEE, MRS. RAND.

103-104. CREATIVE WRITING. Experimentation with various types of original composition such as the short story, the personal essay, and the tale. Intensive practice in the type of writing best suited to the ability and preference of each student. Conferences and class criticism. First semester (3), second semester (3). MRS. SHUPP.

105-106. SEMINAR IN CREATIVE WRITING. Open to not more than five advanced students who have shown special aptitude for original writing. The instructor's permission is necessary. Credits and hours to be arranged. MRS. SHUPP.

107-108. JOURNALISM. The theory and technique of newspaper writing. Students who are reporters, feature and copy writers, proof readers, etc., for the *Arrow* may present their work for the paper as part of the class work in journalism, for which they will receive credit. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MRS. SHUPP.

109-110. VICTORIAN LITERATURE. Victorian thought as reflected through the work of leading writers: Carlyle, Ruskin, Arnold, Huxley, Tennyson, Browning, Morris, and Swinburne. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

111-112. WORDSWORTH AND HIS CONTEMPORARIES. A study of the romantic tendencies of the period and a reading of the poems of Wordsworth, Coleridge, Byron, Shelley, Keats, with special attention to the intellectual, political, and social movements of the time. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

113-114. THE HISTORY OF THE ENGLISH DRAMA. A survey of the development of the drama from its origin to the present day. The Elizabethan drama and contemporary tendencies are emphasized. Extensive readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MR. DOXSEE.

115-116. THE NOVEL. Studies in the development of English fiction. Assigned readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

117-118. MIDDLE ENGLISH LITERATURE AND CHAUCER. In the first semester representative epics, ballads, and romances of mediaeval times are studied. In the second semester, selected readings from the works of Chaucer, lectures on his life, his contemporaries, and immediate successors in English literature. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MRS. RAND.

119-120. **INTRODUCTION TO AMERICAN LITERATURE.** A general survey of American literature from colonial times to the present day. Assigned readings, lectures, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

121-122. **CONTEMPORARY BRITISH AND AMERICAN POETRY.** Comprehensive reading, informal discussion, and reports. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MR. DOXSEE.

123-124. **EIGHTEENTH CENTURY LITERATURE.** A study of the temper, prevailing ideas, manners, and customs of the classical age as shown in the work of its eminent writers; and of the emergence of social and humanitarian principles in the literature of the latter part of the century. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MRS. SHUPP.

125-126. **MILTON AND THE SEVENTEENTH CENTURY.** This course deals with the social, political, and philosophical aspects of the seventeenth century, as well as with its literature. The first semester will be chiefly a reading course in the minor poets of the century; the second semester will be devoted to a study of Milton. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MISS SHAMBURGER.

127-128. **READING COURSE IN CONTEMPORARY THOUGHT.** Readings in contemporary prose in such fields as biography, social criticism, religion, politics, and the like. Conferences and reports. First semester (3), second semester (3). The group will be limited to ten and election can be made only after consultation with the instructor. Given in alternate years; offered 1941-1942.

129-130. **SHAKESPEARE.** Intensive study of selected plays. Background and criticism. Special consideration of methods of presenting plays which will be helpful for students who are planning to teach in secondary schools. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

French Language and Literature

MARION GRIGGS, Ph.D., Assistant Professor

MARGUERITE MAINSONNAT OWENS, M.A., Assistant Professor

For information about the reading test see Foreign Languages, (p. 19). Students majoring in modern languages will be required to take in

MODERN LANGUAGE: A minimum of four year-courses in the language chosen as the major language.

OTHER FIELDS: General requirements for graduation (see page 24), and courses in history, English literature, economics, psychology or philosophy. A second language is recommended. The head of the department should be consulted before elections are made.

1-2. **ELEMENTARY FRENCH.** Designed for students who are beginning the study of French or whose previous preparation is felt to be inadequate. Pronunciation, elements of grammar, vocabulary assimilation, oral and aural drill, with emphasis on acquisition of reading ability. First semester (3), second semester (3). MISS GRIGGS.

3-4. **INTERMEDIATE FRENCH.** Designed for students who wish to develop the ability to read French and for those who wish to continue the study of French. Oral and aural work, vocabulary acquisition, review of the fundamentals of grammar, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS.

5-6. **AN INTRODUCTION TO FRANCE.** Geographical and historical background. Great steps in French civilization leading to modern time. The people and the institutions. Illustrative reading in French and English. First semester (3), second semester (3). MRS. OWENS.

107-108. Development of French classicism and its social background. Corneille, Racine, and Molière. Study of La Fontaine, Madame de Sevigné, Boileau, La Rochefoucauld, La Bruyère, Pascal, Descartes, by the explication of texts. Prerequisite: French 3-4 or 5-6 or equivalent. First semester (3), second semester (3). MISS GRIGGS.

109-110. **LITERATURE OF THE EIGHTEENTH CENTURY.** Literary and social aspects of the eighteenth century. Special emphasis on the philosophers. Collateral readings and reports. Prerequisite: French 107-108. First semester (3), second semester (3). MRS. OWENS.

111-112. **LITERATURE OF THE NINETEENTH CENTURY.** Literary and social aspects of the nineteenth century. Critical study of representative writers. Poetry, drama, novel, and criticism. Prerequisite: French 107-108. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

115-116. **THE MODERN NOVEL.** Development and tendencies. Extensive readings in French, oral reports in French. Special emphasis on Proust, Gide, Jules Romains and other post-war novelists. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1940-41. MRS. OWENS.

118. **THE TEACHING OF FRENCH.** For students who wish to be recommended to teach. The first few weeks deal with language teaching in general and may be audited by students of any foreign language. The remainder of the time is devoted to special problems in teaching French. Prerequisite: French 107-108. Second semester (2). MRS. OWENS.

119-120. **CONVERSATION.** Prerequisite: French 5-6. First semester (2), second semester (2). MRS. OWENS.

121-122. **ADVANCED COMPOSITION.** Advanced composition and grammar review. Prerequisite: French 107-108. First semester (2), second semester (2). MRS. OWENS.

123. **PRACTICAL PHONETICS IN FRENCH.** An analytical and comparative study of French sounds with special attention to American defects in French speech and method of correcting such defects. Offered to all students, required of majors, and recommended to minors. First semester (1). MRS. OWENS.

Geology and Geography (See Physical Sciences)

German Language and Literature

ELIZABETH PIEL, Ph.D., Assistant Professor

For the requirements for a major in modern languages, see page 39.

For information about the reading test, see Foreign Languages, p. 19.

1-2. **ELEMENTARY GERMAN.** Fundamentals of German grammar, introduction to reading, composition, and conversation. Open to students who do not present German at entrance. First semester (3), second semester (3).

3-4. **INTERMEDIATE GERMAN.** Review and continued study of grammar, and its application in composition. Reading of modern German literature. Prerequisite: German 1-2. First semester (3), second semester (3).

S3-S4. **SCIENTIFIC GERMAN.** Reading in scientific German, with assigned readings in the student's major field. Written and oral reports. Prerequisite: German 1-2. First semester (3), second semester (3).

105-106. **CLASSICAL PERIOD IN GERMAN LITERATURE.** A survey of German literature from its beginnings to the present day, with special emphasis given to the Classical Period. A critical study of

Lessing, Goethe, and Schiller. Reading of plays. Reports. Prerequisite: German 3-4. First semester (3), second semester (3). Given in alternate years; offered 1940-1941.

107. ROMANTIC PERIOD OF GERMAN LITERATURE. Reports and discussions. Prerequisite: German 3-4. First semester (3). Given in alternate years; offered 1941-1942.

108. MODERN GERMAN LITERATURE. Readings, reports, and discussions. Prerequisite: German 3-4. Second semester (3). Given in alternate years; offered 1941-1942.

109-110. ADVANCED GERMAN. Composition and conversation. Review of grammar; composition based on assigned topics. Discussions in German. Prerequisite: German 3-4. First semester (2), second semester (2).

Greek Language and Literature

NITA L. BUTLER, Ph.D., Professor

Requirements for students majoring in the classics are stated in connection with the requirements of the Latin Department.

1-2. ELEMENTARY GREEK. Grammar, composition. Xenophon: Selections from the *Anabasis* or the *Memorabilia*. Open to all students. First semester (3), second semester (3). An additional hour of sight translation is advised for the second semester. Omitted 1940-1941.

3-4. CLASSICAL CIVILIZATION. A survey of the life and thought of the Greeks and Romans based upon the literature of the classical period. Open to all students. A knowledge of the classical languages is not required. First semester (3), second semester (3).

101-102. ELEMENTARY GREEK. Designed to meet the needs of those who wish only an introduction to the language. First semester (1), second semester (1). Given in alternate years; offered 1940-1941.

104. ARCHAEOLOGY OF ANCIENT GREECE. Early civilization of the Aegean; Greek art of the historic period; readings and reports on recent excavations. Open to all students. Second semester (2). Omitted 1940-1941.

History and Political Science

ANNA L. EVANS, Ph.D., Professor

LABERTA DYSART, A.M. } Assistant Professors
EFFIE L. WALKER, A.M. }

Students majoring in history and political science will be expected to take in

HISTORY: Twenty-four hours, including History 1-2, and twelve additional hours either in history or in approved courses in the social sciences, or in correlated subjects such as the history of philosophy, the selection depending chiefly upon previous preparation and end in view.

OTHER FIELDS: A reading knowledge of both French and German is strongly recommended.

EARLY EUROPEAN HISTORY

1-2. **HISTORY OF WESTERN CIVILIZATION.** A survey of cultural developments from the beginning of civilization to the present day. Prerequisite for majors in history unless excused by the Head of the Department. First semester (3), second semester (3). MISS EVANS, MISS DYSART.

103. **HISTORY OF THE ANCIENT ORIENT AND THE GREEK STATES.** A study of the origin and development of civilization in the ancient Near East, followed by a survey of political, economic, and cultural developments among the Greeks. Prerequisite: History 1-2. First semester (3). MISS DYSART.

104. **HISTORY OF ROME TO 476 A.D.** A study of the rise of Rome to a world power and the decline of that power; economic and social problems, and cultural developments in the Roman state. Prerequisite: History 1-2. Second semester (3). MISS DYSART.

105-106. **MEDIAEVAL AND EARLY MODERN EUROPEAN HISTORY.** A survey of the leading political, intellectual, social, and economic movements from the Decline of the Roman Empire to 1789. Prerequisite: History 1-2. First semester (3), second semester (3). MISS DYSART.

107-108. **THE RENAISSANCE AND THE REFORMATION.** The Renaissance in the fourteenth, fifteenth, and sixteenth centuries, with special reference to Italy and to the literature of the period. Prerequisite: History 1-2. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MISS WALKER.

MODERN EUROPEAN HISTORY

109-110. HISTORY OF ENGLAND AND GREAT BRITAIN. The political, social, and economic history of England, from the Tudors to the present time. Not open to freshmen. First semester (3), second semester (3). MISS EVANS.

111-112. FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD. The conditions of France from the 15th century to 1789. The progress and results of the Revolution and its constitutional phases. The rise of Napoleon with the constitutional and dynamic changes and the permanent results of the period. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MISS EVANS.

113-114. HISTORY OF RUSSIA. Russian internal developments from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

115. EUROPE SINCE 1815. The political, social, and cultural history of Europe from the fall of Napoleon to 1870. Prerequisite: History 1-2 except with the permission of the instructor. First semester (3). MISS EVANS.

116. EUROPE SINCE 1870. Political and social reform; cultural, scientific, and economic movements; the expansion of Europe; the World War and the countries after the War. Prerequisite: History 1-2 except with the permission of the instructor. Second semester (3). MISS EVANS.

117. SEMINAR IN MODERN EUROPEAN HISTORY. The development of nationalism. Open to history majors and to others by special permission. Second semester (2) or (3). MISS EVANS.

AMERICAN HISTORY

119-120. HISTORY OF THE UNITED STATES. A general survey of the colonial and national history of the United States. Prerequisite: History 1-2, except with permission of the instructor. First semester (3), second semester (3). MISS WALKER.

121-122. THE HISTORY OF LATIN AMERICA. The political and social history of the Latin-American states since independence, with emphasis on the relations of the United States with the region. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

Political Science

3-4. AMERICAN GOVERNMENT. A general survey of American government—national, state, and local. First semester (3), second semester (3). MISS WALKER.

123-124. COMPARATIVE GOVERNMENT. A comparative study of the government of the United States, the parliamentary democracies of Great Britain and France, and the dictatorial régimes of Fascist Italy, National Socialist Germany, and the Soviet Union. Open to sophomore, juniors, and seniors. First semester (3), second semester (3). Given in alternate years; offered 1940-1941. MISS SHIELDS.

Italian Language and Literature

NITA L. BUTLER, Ph.D., Professor

1-2. ELEMENTARY ITALIAN. Study of the fundamentals of grammar. Reading of simple texts dealing with Italian civilization. Conversation based upon texts read. First semester (3), second semester (3). Given in alternate years; offered 1940-1941.

3-4. INTERMEDIATE ITALIAN. Reading of modern Italian literature and of selected comedies of Goldoni. Continued study of syntax, composition, and conversation. Prerequisite: Italian 1-2 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

Latin Language and Literature

NITA L. BUTLER, Ph.D., Professor

Students in the Latin Department may major in Latin, or in Latin and Greek combined. Such students will be expected to elect courses in Latin and Greek in appropriate sequence under the guidance of the head of the department. The number of such courses will be dependent on the number of units of Latin presented for entrance.

A student majoring in Latin alone is expected to take Greek 3-4 and one course in Latin composition.

Other fields: History 105-106. A reading knowledge of French and German is strongly recommended for students majoring in Latin and Greek.

1-2. CICERO, OVID, LIVY, HORACE. CICERO: selections from the letters, *De Amicitia* or *De Senectute*; or Ovid: *Metamorphoses*. Livy: selections from books I, XXI. Horace: Odes and Epodes. Open to students who present three or four units of Latin. First semester (3), second semester (3).

3. **PLAUTUS AND TERENCE.** Selected plays. A study of the development of Roman comedy. First semester (3). Given in alternate years; offered 1940-1941.

4. **HORACE: SATIRES AND EPISTLES.** Second semester (3). Given in alternate years; offered 1940-1941.

101. **TACITUS, JUVENAL.** A study of Roman society under the early empire. First semester (3). Given in alternate years; offered 1941-1942.

102. **CATULLUS, TIBULLUS, PROPERTIUS, OVID.** A study of Roman lyric and elegiac poetry with special attention to Greek models. Second semester (3). Given in alternate years; offered 1941-1942.

103. **THE TOPOGRAPHY AND MONUMENTS OF ROME.** Open to all students. First semester (2). Given in alternate years; offered 1941-1942.

104. **PRIVATE LIFE OF THE ROMANS.** Open to all students. Second semester (3). Given in alternate years; offered 1941-1942.

105-106. **LATIN SELECTIONS.** A translation course offering readings from Pliny, Ovid, and Martial, illustrative of Roman mythology, topography, and life. Supplementary to Latin 103-104. Prerequisite: Latin 101-102. First semester (1), second semester (1). Given in alternate years; offered 1941-1942.

107. **TEACHER TRAINING COURSE IN LATIN.** A study of aims and objectives, of methods and textbooks; organization of units of subject matter; rapid reading of authors usually read in secondary schools; exercises in prose composition. First semester (3). Given in alternate years; offered 1941-1942.

Mathematics

HELEN CALKINS, Ph.D., Professor

Students majoring in mathematics will be expected to take in

MATHEMATICS: Courses 1-2, 5-6, 101, 102, 105, 106, or 110.

OTHER FIELDS: Physics and economics.

1-2. **AN INTRODUCTION TO MATHEMATICAL ANALYSIS.** A unified course in the essential concepts of college algebra, trigonometry, and analytical geometry. First semester (3), second semester (3).

3. **ELEMENTARY STATISTICS.** An introduction to the recent methods of statistical analysis and interpretation, with many illustrations taken from the fields of biology, psychology, education and economics; graphic representation; averages; measures of dispersion; skewness;

excess; curve fitting; correlation; theory of sampling; index numbers, First semester (3).

4. MATHEMATICS OF FINANCE. Compound interest and discount; annuities; amortization and sinking funds; valuation of bonds; depreciation; life insurance. Second semester (3).

5-6. ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS. A study of (1) the operations of differentiation and integration of algebraic and ordinary transcendental functions and (2) their applications to geometry and motion. Prerequisite: Mathematics 1-2. First semester (3), second semester (3).

101. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS. A study of the properties of (1) lines and conics in a plane and (2) lines, planes, and quadric surfaces in space. Prerequisite: Mathematics 1-2. First semester (3). Given in alternate years; offered 1941-1942.

102. THEORY OF EQUATIONS AND DETERMINANTS. A course based on Dickson's "Theory of Equations." Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1941-1942.

104. THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. A study of (1) the function of mathematics in the junior and senior high school curriculum, and (2) the methods of classroom procedure. Prerequisite: Mathematics 5-6. Second semester (3). Given in alternate years; offered 1940-1941.

105-106. ADVANCED DIFFERENTIAL AND INTEGRAL CALCULUS. A continuation of Mathematics 5-6. Prerequisite: Mathematics 5-6. First semester (3), second semester (3). Given in alternate years; offered 1940-1941.

110. COLLEGE GEOMETRY. A second course in plane Euclidean geometry; geometric constructions; properties of the triangle; the Simson line; transversals; harmonic section; harmonic properties of circles; inversions; recent geometry of the triangle. Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1940-1941.

Music

HELENE WELKER, A.B. }
LILLIE B. HELD, A.M. } Assistant Professors

RALPH LEWANDO }
GERTRUDE NORTHRUP AYARS, Mus.B. } Instructors
EARL B. COLLINS, Mus.B. }

Students may major either in applied music or in theory of music. Students majoring in applied music will be expected to take in

MUSIC: A minimum of forty-two hours consisting of the following theoretical courses: Theory 1-2, 3-4, 101-102, 103-104, 105-106, 107-108 plus the *minimum* requirements in the chosen field of applied music which are: for a major in piano, sixteen hours; for an organ or a violin major, fourteen hours in the major, and two hours in piano; for a voice major, fourteen hours in voice, two hours in piano, and two years' membership in the chorus. A student doing her major work in applied music will be required to take a minimum of two half-hour lessons a week. She will give a recital at the end of her senior year.

Students majoring in theory will be expected to take in

MUSIC: A minimum of thirty-four hours to be distributed as follows: Theory 1-2, 3-4, 101-102, 103-104, 105-106, 107-108; a minimum of eight hours in applied music.

Students majoring in applied music or theory will be advised to take in

OTHER FIELDS: Courses in modern languages, English, history, history of art, psychology, science, and education. Students majoring in theory will be expected to take eight hours in closely related fields. Elections are to be made upon consultation with the head of the department.

CREDIT FOR APPLIED MUSIC is based on practice and on theory courses.

One semester credit is given for three hours of practice a week, two semester credits for six hours of practice a week, etc., provided the prescribed theory courses are taken. *To secure credit for applied music, a theory course must accompany each year of applied music study.* Theory 1-2 is required in the freshman year, and Theory 3-4 in the sophomore year of all students taking applied music for credit.

A minimum of three students is required for the formation of a class.

A few competitive scholarships are available in applied music.

Examinations for these will be given in the spring or early in the first semester.

Attendance at recitals is expected of all students in the department.

It is the purpose of the Music Department to give the student a thorough musical training, and also to provide the cultural background desirable for the profession.

The Music Department maintains in addition to the regular college work in music:

1. A Junior Department in *Piano* for children from the age of three. The preliminary work consists of rhythmic training, singing, rote playing, creative work, etc., and is carried on in classes. When the child's sense of pitch and rhythm has been sufficiently developed, he begins the actual piano instruction, which is given in private lessons or in small classes. The work in ear training is continued.
2. A College-Preparatory Department for students of intermediate age (from 14 to college age).
3. An Adult Department for students beyond college age. Private and class lessons in piano, organ, violin, and voice are available to this group. Lessons are scheduled during the day or in the evening.

For charges for the above, see pages 76-77.

Theory

1-2. **INTRODUCTION TO THEORY.** The presentation of simple harmonic material. Introduction to form and design. Elementary composition. Ear training, sight singing, keyboard work. Analysis of representative compositions. Class meets three or four hours a week. Required of all students in the first year of applied music. First semester (2), second semester (2). **MISS HELD.**

3-4. **THEORY.** A continuation of Theory 1-2 using more difficult material. Elementary counterpoint. Class meets three hours a week. Required of all students in the second year of applied music. Prerequisite: Theory 1-2. First semester (2), second semester (2). **MISS HELD.**

101-102. **THEORY.** Harmonic and contrapuntal materials continued. Composition. Prerequisite: Theory 3-4. First semester (3), second semester (3). **MISS HELD.**

103-104. **KEYBOARD HARMONY.** Execution of cadences, simple modulations at the piano. Transposition. Harmonization of melodies in free piano style. Improvisation. Prerequisite: Theory 3-4 or the equivalent. First semester (1), second semester (1).

105-106. **COUNTERPOINT.** Counterpoint in three and four parts. Analysis of polyphonic style as exemplified by the great masters. Original composition in contrapuntal style. Prerequisite: Theory 101-102. First semester (2), second semester (2). **MISS HELD.**

107-108. APPRECIATION OF MUSIC. The study of representative composers, schools, forms, instruments, etc., and a number of the masterpieces of musical literature designed to develop intelligent appreciation. Open to all students. First semester (3), second semester (3). MISS HELD.

109. SYMPHONIC LITERATURE. A course correlated with the series of concerts given during the year by the Pittsburgh Symphony Orchestra and designed as a background for them. Object is to develop a deeper understanding and appreciation through study of the works to be performed. Subscription to the Pittsburgh Symphony concerts required. Open to all students. First semester (1), second semester (1). MISS HELD.

110. SYMPHONIC LITERATURE. A continuation of 109. An entirely different set of symphonic compositions will be studied. Second semester (1). MISS HELD.

111-112. ELEMENTARY SCHOOL MUSIC. Aims and objectives, principles, methods, and materials in the teaching of music in the elementary grades. Designed for students interested in elementary education. First semester (2), second semester (2). MISS HELD.

*Applied Music

PIANO 1-2, 3-4, 101-102, 103-104. The mastery of the essentials of good technique including tone, phrasing, pedaling, etc., combined with the systematic study of representative works from the classical, romantic, and modern schools. Students of all degrees of proficiency are admitted. Instruction is adapted to the needs of the individual. MISS WELKER.

ORGAN 1-2, 3-4, 101-102, 103-104. Training for both professional and cultural purposes; special training for church organists; opportunity for practical application in performance at chapel and vesper services. Open to beginners and advanced students. MR. COLLINS.

VIOLIN 1-2, 3-4, 101-102, 103-104. The violin course embraces a progressive procedure of study adapted to the actual technical and musical needs of the student; the selection of study material and a method of practice conducive to definite achievement in the playing of solo, chamber, and orchestra music of all schools of composition. Students are encouraged to study the viola in order to develop as performers and participants in chamber and orchestral music. MR. LEWANDO.

There are special charges for all of the above. See page 76.

*For credit in applied music see p. 47.

VOICE 1-2, 3-4, 101-102, 103-104. The comprehensive study of the art of singing for the beginning as well as the advanced student, stressing the liberation of the voice through the correct control of breath and throat; diction, rhythm, and phrasing; repertoire chosen from the classic, romantic, and modern schools to suit the particular talent of each student. MRS. AYARS.

OTHER INSTRUMENTS. Arrangements can be made to study viola, cello, bass viol, flute, clarinet, oboe, and other instruments not specified above. Students who do not have instruments of their own may rent them or buy them on the installment plan from the college.

CHORUS. Training in choral singing to the end of greater appreciation. Study of the best music available for women's voices. Emphasis on beauty of tone, diction, phrasing. Attendance required at all functions in which the Chorus has part, including Commencement programs. Open to all students who pass a simple test. Chorus meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MRS. AYARS.

INSTRUMENTAL ENSEMBLE. Training in ensemble playing. The group consists of strings, woodwinds, piano, organ, and various small combinations of these. Open to students who can play some instrument. Ensemble meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MISS HELD.

Note: Students may not elect (except with special permission) more than one of the following courses in the same year:

Chorus

Instrumental Ensemble

Verse Speaking Choir

Philosophy

CARLL W. DOXSEE, Ph.D.

1-2. THE HISTORY OF PHILOSOPHY. A survey of the rise and development of philosophic thought in Europe. Readings, discussions, and reports. Open to sophomores, juniors, and seniors. First semester (3), second semester (3).

Photography

(See Physics)

Physical Education

HELEN G. ERRETT, A.B., Instructor

Medical and physical examinations are required of freshmen, sophomores, students entering from other colleges, and those juniors and seniors participating in sports. The examining physician recommends to each student the form of physical education which will be most beneficial to her.

Physical education is required of all freshmen and sophomores. Hygiene is required of all first-year students. The lectures are given one hour a week during the first semester.

Every student taking the required physical education courses must purchase a regulation gymnasium outfit. This outfit is secured before college opens from dealers who handle the uniform adopted and required by the Physical Education Department.

Inter-class competitive athletics are arranged by the Athletic Association under the supervision of the Physical Education Department.

1-2. ELEMENTARY PHYSICAL EDUCATION AND HYGIENE.

Fall: Hockey.

Winter: Volley ball, Danish gymnastics, basket ball, folk dancing.

Spring: Base ball.

Required of freshmen. First semester (3), second semester (2).

3-4. ADVANCED PHYSICAL EDUCATION.

Fall: Hockey.

Winter: Volley ball, basket ball.

Spring: Base ball.

Open to sophomores. First semester (2), second semester (2).

5-6. SPORTS.

Fall: Tennis, archery.

Winter: Badminton, table tennis.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

7-8. SPORTS AND DANCING.

Fall: Tennis, archery.

Winter: Badminton, table tennis.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

- 9-10. **TAP DANCING AND SPORTS.**
Fall: Tap dancing, tennis, archery.
Winter: Tap dancing.
Spring: Tap dancing, tennis, archery.
Open to sophomores. First semester (2), second semester (2).
- 11-12. **GOLF AND RIFLE.**
Fall: Golf.
Winter: Rifle.
Spring: Golf.
Open to sophomores. First semester (2), second semester (2).
A fee is charged for this course. A student must have written permission from home before she is allowed to take the work in rifle.
- 13-14. **RIDING.**
Fall and spring only.
Open to sophomores. Another physical education course must be taken during the winter term in order to receive four hours credit for the year. A student must have written permission from home before taking riding. A fee is charged for this course.
- 17-18. **MODERN DANCING FOR FRESHMEN.**
First semester (1), second semester (1).
- 19-20. **MODERN DANCING FOR SOPHOMORES.**
First semester (2), second semester (2).
- 21-22. **INDIVIDUAL GYMNASTICS.**
Substituted for regular class work on advice of the College Physician and Physical Director.
First semester (2), second semester (2).
- 101-102. **ADVANCED MODERN DANCING.**
First semester (2), second semester (2).
103. **METHODS.**
Methods and principles of teaching health education, health service, and physical education in the elementary grades.
Open to juniors and seniors. First semester (2).
104. **PLAYS AND GAMES.**
A study of games and folk dances which will be found practical in social service and playground work, also for recreational leaders in summer camps. Open to juniors and seniors.

Recommended for students of elementary education. Second semester (2).

106. PHYSICAL EDUCATION. Given in alternate years; offered 1940-1941.

Methods and technique of teaching physical education. One hour of theory and two hours of practice in coaching and officiating in sports.

Given each year provided three or more sign for the course. Second semester (3).

Physical Sciences

EARL K. WALLACE, Ph.D., Professor

A. W. SCHOLL, Ph.D., Instructor

E. E. STICKLEY, B.S., Instructor

Astronomy

1-2. DESCRIPTIVE ASTRONOMY. An elementary course dealing with the study of the solar and stellar systems. The work includes the development of astronomy as well as the methods by which astronomical facts are ascertained. The laboratory periods will be spent in solving astronomical problems, in making telescopic observations, in studying charts and photographs. Two lectures, one recitation and one two-hour laboratory period a week. First semester (3), second semester (3). Given in cooperation with Buhl Planetarium and Institute of Popular Science. MR. STICKLEY.

Astronomy 1-2 fulfills the science requirement.

Chemistry

Students majoring in chemistry will take Chemistry 1, 2, 3, 4, 105, 106, 111, and 112 together with courses from other departments in fulfillment of the general requirements for graduation. Additional required courses are dependent on the particular field which the candidate wishes to enter. They are as follows:

- (a) Graduate study: Chemistry 107, 109, 110, courses in physics, biology, mathematics 1, 2, 5, and 6, German and French.
- (b) Industrial laboratory work: Chemistry 107, 108, 109, 110, physics, and mathematics.
- (c) Health and medical laboratory work: Chemistry 107, 108, biology 1-2, bacteriology, and histology.

- (d) Chemical library and secretarial work: mathematics, economics, English composition and literature, history, German, French, shorthand and typewriting.

1-2. INORGANIC CHEMISTRY. The fundamental chemical principles and theories in conjunction with the study of metallic and non-metallic elements and their compounds.

The laboratory groups are divided into two sections: one section for students who are beginning the study of chemistry, and the other for students who have had a course in chemistry in preparatory school. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3). Second semester (3). MR. WALLACE.

Chemistry 1-2 fulfills the science requirement.

3. QUALITATIVE ANALYSIS. A comprehensive study of theory and laboratory practice involving the separation and detection of basic and acidic ions and radicals. Theory includes mass action, electrolytic dissociation, chemical equilibria, and oxidation-reduction reactions. Prerequisite: Chemistry 2. Two lectures, one recitation, and six hours of laboratory work. First semester (4). MR. SCHOLL.

4. QUANTITATIVE ANALYSIS. The theory and practice of gravimetric and volumetric analysis. The principles, errors, applications, and representative problems for precipitation, acidimetry, alkalimetry and oxidation-reduction determinations will be studied. Prerequisite: Chemistry 3. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. SCHOLL.

105. ORGANIC CHEMISTRY. A brief study of the preparations, reactions, and properties of the classes of aliphatic and aromatic compounds. Laboratory work: preparations and tests of organic compounds. Prerequisite: Chemistry 1-2. Two lectures, one recitation, and five hours of laboratory work. First semester (4). MR. WALLACE.

106. ORGANIC CHEMISTRY. Extensive comparison and contrast between aliphatic and aromatic compounds. Laboratory work: organic preparations and qualitative analysis of organic compounds and mixtures. Prerequisite: Chemistry 105. Two lectures, one recitation, and five hours of laboratory work. Second semester (4). MR. WALLACE.

107. ADVANCED QUANTITATIVE ANALYSIS. Chemistry of foods and food products. Analyses, by standard methods, of carbohydrates, fats, proteins, etc., in raw and manufactured products. Prerequisite: Chemistry 4 and Chemistry 106. Two lectures, and eight hours of laboratory work. First semester (4). MR. WALLACE.

108. BIOCHEMISTRY. The chemistry of foodstuffs relative to body metabolism and requirements for normal nutrition. Experimental

study of carbohydrates, fats, proteins, and of animal metabolism including the analysis of body fluids, tissues, and catabolic products. Prerequisite: Chemistry 4 and 106. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. WALLACE.

109-110. PHYSICAL CHEMISTRY. A study of properties of gases, liquids, solids, and solutions; thermochemistry; chemical kinetics; electrical conductance; and atomic theory. Prerequisite: Chemistry 4. —Calculus advised. Two lectures, one recitation, and six hours of laboratory work. First semester (4), second semester (4). MR. SCHOLL.

111-112. CHEMISTRY SEMINAR. Discussion of topics of interest in physical science. Required of juniors and seniors majoring in chemistry. One hour a week. First semester (1), second semester (1).
CHEMISTRY AND PHYSICS FACULTY.

Geology and Geography

1-2. FUNDAMENTALS OF GEOLOGY AND HISTORICAL GEOLOGY. A study of earth materials and processes acting on the atmosphere, hydrosphere, and the lithosphere. In the second semester, a study of the history of the earth and its inhabitants. Two lectures, one recitation, and one two-hour laboratory period or field trip a week. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

Geology 1-2 constitutes a year's course in fulfillment of the science requirement.

3. FUNDAMENTALS OF GEOGRAPHY. A study of earth materials and processes, including the relation of man to his natural environment. Two lectures, one recitation, and one two-hour laboratory period each week. Second semester (3). Given in alternate years; offered 1940-1941. MR. SCHOLL.

Physics

1-2. DESCRIPTIVE PHYSICS. A broad general course for those who do not intend to major in one of the sciences. Applications to everyday life are emphasized. Two lectures, one recitation, and one two-hour laboratory period a week. First semester (3), second semester (3). Physics 1-2 fulfills the science requirement. MR. STICKLEY.

3-4. GENERAL PHYSICS. Principles and applications of mechanics, heat, kinetic theory of gases, electricity, sound, and light; introduction to modern physics. Science majors electing physics will take this course. Two lectures, two recitations, and one two-hour laboratory

period a week. First semester (4), second semester (4). Physics 3-4 fulfills the science requirement. MR. STICKLEY.

106. PHOTOGRAPHY. A study of the processes of photography and of the hand camera, its uses and limitations; with the aim of enabling the student to take pictures intelligently for pleasure and scientific use. Two lectures and one two hour laboratory period a week. First semester (2). Staff members. Given alternate years; offered 1940-1941.

Psychology

DOROTHY M. ANDREW, Ph.D., Assistant Professor

Students majoring in Psychology are expected to take the following sequence of courses:

Psychology: Courses 1, 2, 101, 102, 103, 104, 105, 106, 107, 108.

Introduction to Education (Education 1).

Educational Tests and Measurements (Education 102).

Statistics (Mathematics 3).

1. GENERAL PSYCHOLOGY. A general introduction to the study of human behavior;—nervous system, drives, learning, attention, personality, intelligence, and abnormal behavior. Prerequisite to all courses in the department. Open to sophomores, juniors, and seniors. First semester (3).

2. EDUCATIONAL PSYCHOLOGY. Contributions of psychology to education; statistical techniques, basic principles of measurement; interest, attitude, aptitude, achievement, personality measurement; learning, motivation; importance of individual differences, the intellectually gifted, the sub-normal, and the maladjusted child. Open to sophomores, juniors, and seniors. Prerequisite: Psychology 1. Second semester (3).

101. CHILD PSYCHOLOGY. Growth and development of motor abilities, emotions, intelligence, language, and social behavior; special emphasis upon problems of adjustment. Prerequisite; Psychology 1. First semester (3).

102. ABNORMAL PSYCHOLOGY. History of abnormal psychology and of the mental hygiene movement; causes, symptoms, and treatment of the major organic and functional mental disorders, and of the neuroses; therapy—medical, psychoanalytic, and occupational. Prerequisite: Psychology 1. Second semester (3).

103. PSYCHOLOGY IN PERSONNEL WORK. General aspects of personnel and guidance procedure. Selection and placement. An evalua-

tion of techniques available to vocational counsellors and personnel managers; special ability and proficiency tests, rating scales, interest, attitude, and personality scales; the interview and letters of application. Occupational trends, the occupational hierarchy, and requirements for success. A consideration of labor turnover, wages, and incentives. Factors to be considered in choosing a vocation. Prerequisite: Psychology 1. First semester (3).

104. SOCIAL PSYCHOLOGY. A study of relationships arising from interacting individuals; inherited traits and maturation, drive, attitudes, habit, imitation, suggestion, suggestibility, and propaganda; psychology of leadership, of juvenile delinquency, and the importance of age and sex factors in social adjustment. Prerequisite: Psychology 1. Second semester (3).

105-106. SEMINAR IN PSYCHOLOGY. Readings and discussion of systematic and experimental psychology, with emphasis on preparation for graduate work in psychology and related fields. In addition, each student will study clinical psychology and the administration of individual mental tests. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years: offered 1940-1941.

107-108. EXPERIMENTAL PSYCHOLOGY. Applications of experimental method in psychology. Original investigations. Laboratory fee. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

Religious Education

N. R. HIGH MOOR, M.A., D.D., Lecturer

1. RELIGION. The history of the birth and life and death of the Hebrew Commonwealth. A reviewing of the thought and customs of the contemporaries of the Hebrew; the study of an analyzation of the philosophical, sociological, and economic forces at work within the Hebrew Commonwealth; a noting of the part that legend, tradition, and great historic characters played in the formation and life of the Hebrews. First semester (3). Given in alternate years; offered 1940-1941.

2. RELIGION. A study and interpretation of the Life of Jesus; His creative and progressive influence on society. Second semester (3). Given in alternate years; offered 1940-1941.

3. RELIGION. A study in the practical application of religion to the meeting and solving of problems, individual and social, that affect

us. Also, a study of the religious trend and emphasis in modern essays, poetry, writings, and editorials. First semester (3). Given in alternate years; offered 1941-1942.

4. RELIGION. The study of hymns, orations, and stories in Biblical literature, with a view, not only to the appreciation of their literary merit, but for the underlying message and its historical background and its significance in the light of modern problems. Second semester (3). Given in alternate years; offered 1941-1942.

Secretarial Studies

HANNA GUNDERMAN, A.B., M.Ed., Instructor

Students planning to enter the secretarial field are advised to elect courses in English composition, economics, general psychology, and statistics.

1-2 TYPEWRITING. The aim of this course is to give students a working knowledge of typewriting for personal needs. Instruction will be given in the technique of operating the machine, the arrangement of business letters and manuscripts, and the use of the mimeograph. No credit.

3-4. ELEMENTARY ACCOUNTING. A study of the basic principles and practices of accounting procedure to show how transactions are analyzed and recorded, accounts set up and interpreted, and balance sheets and income statements prepared. Students solve problems and keep the accounts of a business enterprise in order to apply the principles which are studied. First semester (3), second semester (3).

101-102. STENOGRAPHY. An intensive course in the mastery of the principles of Gregg shorthand, and the development of accuracy and speed in the touch system of typewriting. Designed for students who desire to fit themselves for secretarial work, using their liberal arts training as a background. Six hours recitation weekly. Open only to juniors and seniors. First semester (3), second semester (3).

103-104. STENOGRAPHY AND OFFICE PRACTICE. Advanced dictation and transcription. Study and practice in the varied duties of a secretary, instruction and practice in the use of office equipment such as the mimeograph, dictaphone, etc. Filing, indexing, handling of general correspondence. Six hours recitation weekly. Prerequisite: Stenography 101-102 or its equivalent. First semester (3), second semester (3).

Sociology and Economics

EDWARD W. MONTGOMERY, Ph.D., Professor

DOROTHY A. SHIELDS, A.M., Assistant Professor

Students majoring in sociology and economics must have not less than thirty semester hours in the social studies, of which not less than eighteen semester hours must be in the Department of Sociology and Economics. The eighteen semester hours in the Department of Sociology and Economics must include Sociology 1, 2, and 107, and Economics 1-2, and in the total of thirty hours there must be included Mathematics 3. Sociology 1-2 and Economics 1-2, or the consent of the instructor, are prerequisites for all other courses in this department.

Sociology

1. **PRINCIPLES OF SOCIOLOGY.** The purpose of this course is to introduce the student to the idea of a scientific study of social phenomena, to familiarize her with the more important sociological concepts, and to describe the more important characteristics of contemporary society. First semester (3). MR. MONTGOMERY.

2. **SOCIAL PROBLEMS.** An analysis of contemporary social problems from the points of view of extent and importance, causes, and possibilities of correction. Second semester (3). MR. MONTGOMERY.

101. **POVERTY.** A study of the extent, causes, and consequences of poverty, and an analysis of social work and of various proposals for social reform as methods of dealing with the problems of poverty. First semester (3). MR. MONTGOMERY.

102. **CHILD WELFARE.** A study of the problems of needy children—dependency, neglect, physical and mental handicaps, behavior and personality problems, and child labor—with particular emphasis on contemporary child welfare programs. Second semester (3). MR. MONTGOMERY.

103. **THE CITY.** This course covers such topics as the rise of modern cities, the ecology of the modern city, urban institutions and social organization, social disorganization, and personality adjustment in the modern city. Second semester (3). Given in alternate years; offered 1941-1942.

104. **POPULATION PROBLEMS.** Early population theories and practices; factors affecting the rate of growth and density of population; population trends; consequences of differential rates of growth; racial composition of the United States and other countries. World popula-

tion and world markets; food supply; resources; population policies of various countries. Second semester (3). Given in alternate years; offered 1941-1942.

105. **CRIME AND ITS SOCIAL TREATMENT.** A study of juvenile and adult delinquency, police and court systems, penal and reformatory institutions, probation and parole, and methods of preventing delinquency. First semester (3). Given in alternate years; offered 1941-1942.

106. **SOCIAL LEGISLATION.** A comparative study of social legislation in Europe and the United States, particularly in regard to relief, social security, minimum wages, and public works. Second semester (3). MISS SHIELDS.

107. **THE FAMILY.** Forms and functions of the family in different societies. Social, economic, and other factors affecting family relationships, with particular reference to contemporary trends and problems. First semester (3). MR. MONTGOMERY.

108. **SOCIAL CONTROL.** A study of mores, religion, propaganda, advertising, education, and other devices out of which uniformities in behavior and thinking develop and by means of which conformity to social codes is secured. Second semester (3). Given in alternate years; offered 1940-1941. MR. MONTGOMERY.

109. **SOCIOLOGY SEMINAR.** Discussion of papers prepared by members of the seminar, and of current sociological literature. Second semester (3). MR. MONTGOMERY, MISS SHIELDS.

Economics

1-2. **ELEMENTARY ECONOMICS.** A study of the development and characteristics of economic production and an analysis of demand, supply, price, money, banking, foreign exchanges and tariffs. A study of the distribution of wealth and income, methods of economic regulation and control, and problems of social reorganization. First semester (3), second semester (3). MISS SHIELDS.

3. **THE CONSUMER IN MODERN SOCIETY.** This course is built on the practical need for preparing students to become intelligent consumers. Appreciation and mastery of the technique of making wise choices are emphasized through study and analysis of consumers' problems. First semester (3). Given in alternate years; offered 1941-1942.

101. **LABOR PROBLEMS.** An analysis of the relations of workers with one another, with employers and with the State. A study of labor

organizations, personnel work, and labor legislation. First semester (3). MISS SHIELDS.

102. CONTEMPORARY ECONOMIC PROBLEMS. A description and analysis of recent economic, political, and social problems in the United States, and the conditions out of which they have arisen. Second semester (3). Given in alternate years; offered 1941-1942.

Spanish Language and Literature

RUTH E. STAPLES, A.M., Instructor

The requirements for students majoring in modern languages are stated in connection with the requirements of the French Department. For information about the reading test, see Foreign Languages, page 19.

1-2. ELEMENTARY SPANISH. Study of the fundamentals of grammar. Reading of easy texts dealing with Hispanic civilization. Conversation based upon texts read. Open to students who have had no Spanish, or one year of high school Spanish. First semester (3), second semester (3).

3-4. INTERMEDIATE SPANISH. Readings in modern Spanish literature, particularly representative short stories and novels. Study of syntax, composition, and conversation. Open to students who have presented two or three units of Spanish at entrance or who have taken Spanish 1-2 or its equivalent. First semester (3), second semester (3).

107-108. HISTORY OF SPANISH LITERATURE FROM THE ORIGINS THROUGH THE GOLDEN AGE. Critical study of Cervantes, Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and the Picaresque novel. Collateral readings and reports. Prerequisite: Spanish 3-4 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1940-1941.

109-110. HISTORY OF SPANISH LITERATURE FROM THE GOLDEN AGE TO THE PRESENT TIME. Literary and social aspects of the different periods. Critical study of the modern novel and drama. Collateral readings and reports. First semester (3), second semester (3). Prerequisite: Spanish 3-4 or its equivalent. Given in alternate years; offered 1941-1942.

Speech

VANDA E. KERST, Professor

MARGARET ROBB, A.M., Assistant Professor

Students majoring in the Speech Department will be expected to take in

SPEECH: A minimum of thirty-two semester hours, including Speech 3-4 and 7-8.

OTHER FIELDS: Two year-courses in English Literature, and Physical Education 17-18 or 19-20 and 101-102.

Arrangements for private instruction in Speech are made with the head of the department.

1-2. **FUNDAMENTALS OF SPEECH.** A general introductory course including the re-education of speech habits; improvement of everyday speech; practice in public speaking; interpretation of different forms of literature; and the study of phonetics. Required of all students in the Lower Division who have not passed the achievement test. First semester (3), second semester (3). MISS KERST, MISS ROBB.

3-4. **ORAL INTERPRETATION OF LITERATURE.** The objective of this course is an understanding and appreciation of literature through reading it aloud. It includes the interpretation of various forms of literature: poetry, prose, and the drama, also training in choral speaking. Prerequisite or co-requisite: Speech 1-2. First semester (3), second semester (3). MISS KERST.

5-6. **PUBLIC DISCUSSION.** The study of clear, orderly, and sound presentation of argument; practice in extemporaneous speaking and debate. Students who have completed this course may register for the second semester of a following year, with a three hour credit. Prerequisite: Speech 1-2. First semester (3), second semester (3). MISS ROBB.

7-8. **SPEECH CORRECTION.** A study of the symptoms, etiology, and therapy of all minor speech and voice defects and disorders. Clinical demonstrations. Prerequisite: Speech 1-2. First semester (2), second semester (2). MISS KERST.

9-10. **CHORAL SPEAKING.** Consideration of the artistic and educational values of choral speaking; selection and treatment of material suited to group interpretation; special attention to vocal technique. First semester (1), second semester (1). MISS KERST.

101-102. **PLAY PRODUCTION.** A lecture and laboratory course in acting and stagecraft; practice in designing and executing settings and costumes; presentation of one-act plays. Two recitations and four laboratory hours a week. Laboratory fee five dollars a semester. Prerequisite: Speech 1-2. First semester (3), second semester (3). MISS ROBB.

103-104. **RADIO BROADCASTING.** The course includes a survey of the past, present position, and future possibilities of radio; experimentation with techniques in present use, also new ones; preparation and presentation of radio programs; writing scripts, advertising, educational programs. Prerequisite: Speech 1-2. First semester (3), second semester (3). MISS KERST, assisted by the departments of English writing, music and physics.

105. **CHILDREN'S LITERATURE.** Story telling, creative dramatization, and a study of source material. Prerequisite: Speech 1-2. First semester (3). Given in alternate years; offered 1940-1941. MISS ROBB.

106. **THE TEACHING OF SPEECH IN THE SECONDARY SCHOOLS.** A study of the nature and value of speech in relation to other subjects in the curriculum, with emphasis on methods and classroom procedure. Prerequisite: Speech 3-4 or its equivalent. Second semester (3). Given in alternate years; offered 1940-1941. MISS ROBB.

Note: Students may not elect (except with special permission) more than one of the following courses in any one year:

Chorus

Instrumental Ensemble

Verse Speaking Choir

General Information

Location

THE College is situated on Woodland Road in the residential part of Pittsburgh, near the East Liberty and Squirrel Hill districts. Trains from the east stop at the East Liberty station which is approximately a mile and a half from the college. Students arriving from the west come into the Union station, the Pittsburgh and Lake Erie, or the Baltimore and Ohio, all of which are in the downtown part of the city. A taxicab makes the trip to the college in about twenty minutes.

Buildings

BERRY HALL, the administration building, was acquired as a part of the property when the College was founded. It was then a dignified and spacious family residence. It has been remodeled and much enlarged to fit it for college purposes. Its wide central staircase and hall, high ceilings, and fine old woodwork create an atmosphere of gracious and homelike individuality which the College desires to maintain.

WOODLAND HALL, a modern, fireproof dormitory, well furnished, attractive and comfortable—housing 100 students—is situated on the crest of the campus, surrounded by trees and overlooking the amphitheatre. Additional dormitory space is provided in Stony Corners and Broadview, two houses adjoining the campus, which accommodate twenty-five students.

JAMES LAUGHLIN MEMORIAL LIBRARY was opened in January 1932, and provides ample accommodations for faculty and student needs. The book stacks are open to the students who have free access to the 21,600 volumes in the library. This collection is supplemented by books borrowed from the Carnegie Library of Pittsburgh. During the academic year the library is open from eight to half past five, and also from seven to ten in the evening, every day in the week except Saturday when it is open from eight to three. On Sunday it is open from two to five.

LOUISE C. BUHL HALL OF SCIENCE, completed in January 1931, houses the departments of botany, zoology, chemistry, physics, and psychology. Each department has laboratories, preparation rooms, offices, and lecture rooms. It contains a large science library and seminar room. The equipment throughout is the most modern and complete obtainable.

DILWORTH HALL, one of the oldest buildings, has lecture rooms and the assembly hall.

THE GYMNASIUM is fitted with the most approved modern apparatus.

THE MUSIC HALL and practice rooms occupy the second floor of the Gymnasium building.

THE PRESIDENT'S HOME, adjacent to Woodland Hall, plays a large part in the social life of the students.

THE COLLEGE has recently acquired an astronomical telescope built by the late Dr. John Brashear. The instrument is a six-inch refractor, and is equipped with clockwork drive as well as the usual manual controls. This mechanism allows the continuous observation of planets and stars in their diurnal motion. In addition, a system of mirrors for photographic work is part of the equipment. The complete assembly was designed and built by one of the recognized masters of fine instrument construction; it is a valuable addition to the equipment of the science department.

Residence

Life in the dormitory is an essential part of the College educational program, for it is here that the students have opportunity to practise the art of living together. Residents of the dormitory are responsible for establishing and maintaining satisfactory social conditions in the house. They elect their own officers who cooperate with the resident hostess and with the administration in the promotion of their academic and social interests.

The drawing rooms, the sun parlor, the large verandas, the dining room with small tables and well served meals, are part of the atmosphere of a large home.

Rooms in the dormitory are reserved in the order in which application for them is received. Returning students may reserve rooms for the next year in May. These rooms will not be held after August first unless a deposit of \$10.00 has been made. After August first unreserved rooms are assigned to new students. The deposit will be credited on the second semester bill.

Residence in the dormitory is required of all students who do not live at home. Any exception to this regulation must be granted by the Dean.

Each student may have ten nights a semester away from the dormitory. It is expected that these will be taken over week-ends unless special permission has been granted by the Dean.

Health

The health of students is carefully supervised. Medical and physical examinations are required at the opening of the college year of all entering students and sophomores. These examinations are given by the staff of the Physical Education Department and the college physician, assisted by the college nurse. The college physician is called in case of illness on the part of students, unless the parents have expressed a preference for their family physician.

The resident trained nurse has charge of all cases of illness except those of a serious or prolonged nature which require the services of a private nurse. The College is so situated in Pittsburgh that the best medical attention is always available.

Religious Life

The College has from the beginning been Christian in its ideals. Originally a Presbyterian college, it is now non-denominational and welcomes students of every faith.

Students in residence are expected to attend the church of their choice and the occasional vesper services held at the College on Sunday evening.

Chapel services are held regularly during the week with the Thursday morning assembly in charge of the Student Government Association. A limited number of absences from these exercises is permitted.

The Y.W.C.A. has an active place in the life of the students. The association is fundamentally a religious organization, with activities and interests so varied as to appeal to every student. The association cooperates with welfare agencies in the city and contributes to philanthropic and missionary work at home and abroad. Delegates are sent to intercollegiate conferences and an active part is taken in all work looking toward the strengthening of the religious forces of the college life. Many of the chapel services are planned and conducted by the Y.W.C.A.

Social Life

The College emphasizes social life as an essential part of a liberal education. It makes full provision for varied social activities ranging from formal receptions to the most informal of class entertainments. A number of dances, teas, and other social functions are held during the year. Hospitality is extended to both men and women students in neighboring colleges and universities. Resident and non-resident students share alike in the social life of the College.

Freshman Week

All freshmen are requested to register at the College on Monday morning, September 16. Monday and Tuesday will be given over to placement tests, and to brief talks by the President, Dean, and student officers to acquaint them with P. C. W. traditions and ideals. Opportunity will also be given during these days for informal social gatherings with both faculty and students. It is hoped that with this introduction to the college year the necessary adjustments will be made more easily, and the student will soon feel herself a responsible member of the student body.

Student Organizations

The student body is organized into the Student Government Association, membership in which is automatic upon matriculation. The discipline of the College is largely in the hands of this organization. It is governed by the Student Government Board whose members are elected by the student body. The Board is represented on the Faculty-Student Council, which meets to consider questions relating to college activities and policies, and on the Faculty-Student Curriculum Committee.

The student Y.W.C.A. is an active association whose work is described under "Religious Life."

The Athletic Association, of which every girl in College is a member, offers advantages to all students. Field hockey, archery, rifle, horseback riding, golf, volleyball, basketball, tennis, track, baseball, badminton and ping-pong are offered. Arrangements for swimming are made in the fall. Good sportsmanship and "a game for every girl" are the aims of the association. Awards are made at the end of the college year for outstanding achievement in athletics.

The Dramatic Club has for its work the critical study of pieces of dramatic literature as a means of personal culture, and the occasional presentation of plays, the shorter ones being given before the club and one each year presented before the public. Try-outs for membership in this club are open to all members of the student body.

The Glee Club and the Instrumental Ensemble are student organizations whose activities are described under the work of the Music Department.

There are two student publications: *The Pennsylvanian*, published biennially, a pictorial and literary summary of student activities and student life; and *The Arrow*, published monthly, which combines the

features of a newspaper and a literary magazine. All students may contribute to *The Arrow*, and students in the class in journalism consider it a laboratory for practical work in the journalistic field.

There are a number of Departmental Clubs, such as Omega (English); Phi Pi (Classical Languages); French; Spanish; German; Lambda Pi Mu (Social Service); Mu Sigma Chi (Sciences); International Relations (History); and Epsilon Chi (Education).

Lecture Program

The college provides a special lecture series each year by men and women of national and international importance. These speakers are frequently entertained at the college, when both students and faculty have an opportunity to meet them informally. Guests are welcome at these lectures. The program for the year 1939-1940 included the following:

GEORGE E. EVANS, Pittsburgh Councilman

HARRY GOLDBERG, National Advertising Director of Warner Bros.

DR. JUSTIN WROE NIXON, Colgate-Rochester Divinity School

THE REV. BERNARD C. CLAUSEN, D.D., First Baptist Church

MRS. LILLIAN ADLOW FRIEDBERG, Lecturer

DR. WALLACE R. BRODE, Professor of Chemistry, Ohio State University

ATALOA, Lecturer on American Indian

CLARENCE STREIT, Author

DR. ALLEN A. STOCKDALE, President, National Association of Manufacturers

BISHOP J. WOSKAM PICKETT, of India

CECIL LEESON, Saxophonist

THE REV. HERBERT B. HUDNUT, D.D., Bellevue Presbyterian Church

GENEVIEVE JONES, Dancer

THE REV. CARL A. VOSS, German Evangelical Protestant Church

MOLLY YARD, Far Eastern Student Service Fund

DR. HELEN INGLEBY, Women's Medical College, Philadelphia

HOMER ST. GAUDENS, Carnegie Institute of Fine Arts

DR. EMIL LENGYEL, Lecturer and Author

RABBI LOUIS L. MANN, Chicago

THE REV. HARRY J. COTTON, D.D., Broad Street Presbyterian
Church, Columbus

JOSEF WAGNER, Concert Pianist

Vocational Guidance

The College gives careful attention to vocational guidance. Students may avail themselves of vocational interest tests early in their college course, and guidance is given them in the selection of subjects to provide the proper background for specialized work. Speakers representing various professional fields are secured and conferences with vocational experts are provided. Every assistance is given graduates in securing teaching and other positions.

A bulletin issued by the college entitled "Careers of Distinction" gives information concerning the preparation necessary for some fifty occupations open to women, and also shows how liberal arts training may be planned at Pennsylvania College for Women to form a background for subsequent careers.

Teacher Placement Service

Attention of graduates is called to the Placement Service, Teacher Bureau, of the Department of Public Instruction. No enrollment fee is required and no charge is made for any service rendered by the bureau. Blank forms for enrollment and circulars containing full particulars with regard to the work of the bureau may be obtained by addressing the Assistant Director, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania.

The College endeavors to assist in locating available positions for those members of the graduating class who receive the teaching certificate. The head of the department of education each year visits the leading high schools of Allegheny and adjoining counties to learn of possible vacancies in the schools.

Alumnae contemplating a change in position, who wish the help of the College, are asked to communicate with the department of education. All those knowing of teaching vacancies will render the College a service by sending in a notice of such vacancies.

Scholarships and Loans

Applications for scholarships, loans or service scholarships, as well as permission to take the competitive examinations for the freshman scholarships should be made to the Dean of the College.

COMPETITIVE SCHOLARSHIPS FOR FRESHMEN

A limited number of competitive scholarships will be awarded to freshmen entering Pennsylvania College for Women in September, 1940. Awards will be based on an examination to be given at the college in the spring, on the school record, and on the personal qualifications of the candidate. The scholarships range in value from \$50 to \$150 for day students, and from \$50 to \$300 for resident students, depending on the financial need. The continuance of the scholarship beyond the freshman year depends upon the academic standing of the student and her financial need.

A personal interview is necessary in all cases before the scholarship is finally assigned. This interview should take place at the college whenever possible.

Applications for taking the examination must be filed in the Dean's office by April 1, 1940.

SERVICE SCHOLARSHIPS

A limited number of service scholarships are available to deserving and industrious students from any of the four classes in college. The obligations connected with these scholarships consist mainly of assisting in the library and laboratories, doing clerical work, and serving in the dining hall and cafeteria.

OTHER SCHOLARSHIPS

A limited number of scholarships are open to outstanding students of the three upper classes. These scholarships are awarded on the basis of academic standing, character, and financial need. A considerable sum for student aid is appropriated by the College from its current income.

A few competitive scholarships in Music are available. Examinations for these scholarships are given during the first or second week of the first semester. Under this plan, scholarships are available for both class lessons and private lessons in applied music.

The College offers a scholarship at the Marine Biological Laboratory at Woods Hole, Massachusetts. This scholarship covers the cost of tuition for work done in the laboratory and is given to a student in the Biology Department who has done outstanding work.

Mu Sigma Chi, the Science Club, offers two small scholarships each year to students majoring in the fields of Chemistry and Biology.

In addition to these scholarships the following have been established:

THE STUDENT GOVERNMENT ASSOCIATION offers two scholarships of \$150 each as a memorial to the late Cora Helen Coolidge, for many years president of the College.

THE HELEN E. PELLETREAU SCHOLARSHIP FUND is a fund which has been raised by the Alumnae to establish a scholarship in honor of Miss Helen E. Pelletreau, for many years president of the College. At the present time four or five students each year receive scholarships from this fund. The fund has not yet been made up to the full amount necessary and contributions to it are earnestly solicited. They should be sent to Miss Edna M. Reitz, 912 East End Avenue, Pittsburgh. The scholarships are awarded for one year by the Scholarship Committee of the Alumnae Association.

THE MARY HAWES NEVIN SCHOLARSHIP fulfills a wish expressed by the late Mary Hawes Nevin, an alumna of the class of 1896. Her family gave a sum of \$6,000 to establish a scholarship to bear her name.

THE COLLOQUIUM CLUB SCHOLARSHIPS were established in 1919 by the Colloquium Club of Pittsburgh to promote and maintain the interest of the club in the growth of the College. The scholarships are awarded on recommendation of the Scholarship Committee of the club. Four scholarships of \$100 each are given every year.

THE PITTSBURGH FEMALE COLLEGE ASSOCIATION MEMORIAL SCHOLARSHIP was established as a perpetual memorial to the Pittsburgh Female College Association, and is to be given each year to a member of the junior class of outstanding rank who has also made a real contribution to the college life.

THE MARY ROBBINS MILLER SCHOLARSHIP FUND was given by alumnae and friends of Mrs. Miller and provides an annual income which is available for students in any class.

THE CORA HELEN COOLIDGE MEMORIAL SCHOLARSHIP, given by the Pittsburgh Colony of New England Women, is awarded each year to a member of the freshman class. This scholarship is for \$150 and is given for one year.

ANNA DRAVO PARKIN MEMORIAL HISTORY PRIZE: This annual prize of \$50 is to be awarded at commencement time to the member of the senior class who has been a student in the college for at least two years, and who has maintained the best standing in the department of history. The prize is given in memory of Anna Dravo Parkin, a member of the class of 1936, by her grandmother, Mrs. Anna Dravo Parkin.

THE JANE B. CLARK MEMORIAL SCHOLARSHIP: A scholarship fund has been established in the name of Jane B. Clark, a teacher for many years at Pennsylvania College for Women, by a group of alumnae. The income from this fund is awarded annually to deserving students.

THE JANET L. BROWNLEE SCHOLARSHIP: The alumnae of Dilworth Hall have established this scholarship in honor of Miss Janet L. Brownlee, the former Principal of Dilworth Hall.

THE SOCIETY OF PENNSYLVANIA WOMEN OF NEW YORK for some years gave a scholarship of \$750 a year. This scholarship, withdrawn for a period during the depression, has been re-instituted, temporarily for \$400. It is awarded to a high honor student of the Upper Division, and has done great service for exceptionally worthy students. The Society awards a graduate scholarship to Bryn Mawr College for eastern Pennsylvania, and to Pennsylvania College for Women for western Pennsylvania.

All of these scholarships are awarded subject to the approval of the Dean of the College, and the recipients must meet the College scholarship requirements.

LOANS

Lambda Pi Mu, the Social Service Club of the College, in 1929 established the first College loan fund. This has been increased each year and has been used by many College students.

In the past two years the Alumnae Association, class groups, and regional groups of alumnae have raised loan funds for students. These loans bear no interest until one year after the graduation of the class to which the student belongs and are payable at any time after the

graduation of the student. If the loan has not been returned at the end of the year, interest at the rate of five per cent is charged.

Transcripts

Students in good standing withdrawing before graduation, and graduates, are entitled to one complete statement of their college record without charge. A charge of \$1 will be made for every subsequent copy of such record.

Dismissals

The College reserves the right to exclude at any time a student who does not maintain the required standard of scholarship, or whose continuance in College would be detrimental to her health or to the health of others, or whose conduct is not satisfactory. Students of the latter group may be asked to withdraw even though no specific charge be made against them.

Social Service Summer Conference for Teachers

The 15th summer session in social service and guidance will be held at the College from July 1 to July 20, 1940. This school is sponsored by the Henry C. Frick Educational Commission for the public school teachers of the Pittsburgh district. Its purpose is to acquaint them with the economic and social background of their students, and to provide closer cooperation between the school and the social agencies in their efforts to better social conditions in the city. Speakers from local and national social agencies are brought before the group.

Scholarships for this session may be obtained by applying to Miss Martha C. Hoyt, Secretary of the Frick Commission, Union Trust Building, Pittsburgh. Pennsylvania College for Women with accommodations for 100 teachers is glad to offer the facilities of its campus for a project of such educational importance.

Charges and Expenses

Academic Year 1940-1941

PROVISIONS by the College for its maintenance are made on a yearly basis; likewise, all college charges are for the full year. No rebate or refund of tuition will be made for absence, withdrawal, suspension or dismissal.

Application for admission should be accompanied by a fee of \$10.00. This fee will be returned if the college refuses admission to the applicant.

Charges for students entering College the second semester will be one-half the stated rates for the college year.

Students carrying nine hours or less will be charged at the rate of \$10.00 each semester hour scheduled. Students who are permitted to carry more than the normal load of thirty-two hours for the year—exclusive of Physical Education—will be charged on a basis of \$10.00 per semester hour for excess hours.

Tuition for private lessons in art, music or speech is payable in advance in equal installments at the beginning of each semester, and is not subject to return or reduction.

Payments are due as stated below without presentation of bills. A charge of one-half of one per cent per month or fraction thereof for each \$100.00 or fraction thereof, will be added to all accounts not paid October first for the first semester, or March first for the second semester.

Payments must be made before a student may be enrolled in classes. In no case may a student be admitted to final examinations until all obligations to the College have been met in full previous to the date on which such examinations begin. No exception will be made without written permission from the President of the College.

Textbooks and supplies may not be charged.

A student may be graduated, receive honorable dismissal or receive a transcript of her college work only after all accounts with the College have been settled.

Checks should be made payable to the Pennsylvania College for Women.

Non-Resident Students

The tuition fee for the year for all non-resident students is \$300.00. The health fee of \$5.00 covers the required physical examinations and care of the resident nurse in her office.

Charge for non-resident students:

Tuition, a year.....	\$300.00
Health fee, a year.....	5.00
Library fee, a year.....	5.00
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	\$310.00

Payable

On or before opening of College in September.....	\$210.00
On or before February 1.....	100.00
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	\$310.00

Resident Students

The tuition fee for the year for all resident students is \$300.00. A room reservation fee of \$10.00 to be paid by August 15, is required of all returning students.

A student vacating a room before the close of the year will be charged for board and room until the vacancy has been filled by an incoming student. The date of withdrawal of a student is the day on which the assistant treasurer is informed in writing of the fact by the parent or guardian, unless such withdrawal is due to a request from the College administration, in which case it is the date on which the parents are informed of this decision. No deduction is made for absences or withdrawals during the year except in cases of protracted illness, when some deduction may be made on account of board. The College reserves the right to be the sole judge in regard to the amount of such refund.

The medical fee of \$10.00 covers the required physical examinations and services of the resident nurse in the college infirmary. This fee also provides for not more than seven days of rest and care in the college infirmary. A charge of \$1.50 will be made for each day in excess of seven. Charges are made for medicine and physicians' services supplied through the infirmary.

An extra charge is made for meals sent to rooms.

The College has its own laundry where students may have work done at reasonable rates.

Charges for resident students:

Tuition, a year.....	\$300.00
Board and Room, a year.....	500.00
Health fee, a year	10.00
Library fee, a year.....	5.00
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	\$815.00

Payable

On or before opening of College in September.....	\$490.00
On or before February 1.....	325.00
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	\$815.00

Department Charges

APPLIED ART

One lesson a week, per semester.....	\$15.00
Two lessons a week, per semester.....	25.00

Music

College Department

Private instruction in piano, organ, voice

Two half-hour lessons a week, per semester.....	\$ 60.00
Two hour lessons a week, per semester.....	120.00
One three-quarter hour lesson a week, per semester.....	45.00
Two three-quarter hour lessons a week, per semester.....	90.00
One half-hour lesson a week, per semester.....	30.00
The charge for class instruction in applied music per semester	15.00

For lessons in violin, arrangements must be made with Mr. Ralph Lewando.

For lessons in other instruments not specified arrangements must be made with Miss Welker.

Practice Rooms

For use of practice room for piano, per semester.....	\$ 7.50
For use of practice room for organ, per semester.....	10.00
For use of practice room for voice, violin, cello, etc., per semester	5.00

ADULT DEPARTMENT

Same as College Department.

COLLEGE PREPARATORY DEPARTMENT

(14 years to College Age)

Private instruction in piano

One half-hour lesson a week, per semester.....	\$25.00
One three-quarter hour lesson a week, per semester.....	37.50
Two half-hour lessons a week, per semester.....	50.00

Junior Department

(3 to 14 years)

Preliminary class work, per semester.....	\$ 6.00
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Private instruction in piano

One half-hour lesson a week, per semester.....	\$20.00
One three-quarter hour lesson a week, per semester.....	30.00
Two half-hour lessons a week, per semester.....	40.00
The charge for class instruction in piano plus class in Ear Training, one period a week, per semester.....	12.50

SPEECH

Private instruction

Two half-hour lessons a week, per semester.....	\$60.00
One half-hour lesson a week, per semester.....	30.00

SECRETARIAL

Stenography (shorthand and typewriting), a semester.....	\$ 5.00
Typewriting, regular students, a semester.....	5.00

LABORATORIES AND OTHER CHARGES

All science courses with a two-hour laboratory period each week, per semester.....	\$ 6.00
All courses with more than a two-hour laboratory period each week, per semester.....	7.50

Experimental Psychology, per semester.....	\$ 5.00
Play Production, per semester	5.00
Practice Teaching	12.50
Tests and Measurements.....	2.00
Rifle Practice, per semester.....	2.50
Commencement fee, payable by seniors February 1.....	10.00

An activities fee of \$6.50 a semester is assessed each student by the Student Government Association, and is payable to that Association through the College.

Note—There will be no refund of laboratory fees to a student withdrawing from a laboratory course after the first two weeks of a semester. Additional charges will be made for breakage.

Where special fees are assessed there will be no refund to a student withdrawing from a course after the first two weeks of a semester.

Honors and Prizes

Sophomore Honors

Awards announced on Matriculation Day, September 25, 1939, to the ten students of the class of 1941 having the highest academic standing for the first two years.

JEANNE-ANNE AYRES	MAE OETTINGER
MARJORIE BINFORD	MARY BERTHA RICHARDS
MARGARET LONGWELL	MARY RODD
MARY LINN MARKS	ELEANOR SCHAFER
JEAN MCGOWAN	SUSAN WOOLDRIDGE

Prizes and Awards 1938-1939

Ann Dravo Parkin Memorial History Prize.....	LORINE WHITE
Athletic Association Award.....	BETH PENSOM
German Club Award.....	JEAN GEISELHART
Mathematics Club Award.....	DOROTHY BANDY
Omega Short Story Prize.....	JEANNE-ANNE AYRES
International Relations Club.....	JANET MURRAY EILEEN WESSEL
Marine Biological Scholarship.....	SARAH BROWNE
Modern Language Prize.....	RUTH ROSS
Glee Club Award.....	ALICE WILLIAMS
Science Club Awards.....	SARAH BROWNE MARY WOLFF
Pittsburgh Female College Association.....	RACHEL KIRK

Degrees Conferred in June 1939

Bachelor of Arts

*HELEN ELIZABETH ARCHER	AMY LOUISE MCBRIDE
RUTH ELVA BOGREN	MARY ELIZABETH MCCULLOUGH
LOUISE IRMA BROWN	LILLIAN MAY MCFETRIDGE
JANET LOUISE CAMPBELL	*MADGE MILLER
MARY ETHEL COLE	MARY ELIZABETH MILNE
MARGARET ELIZABETH COOPER	ALMA ROSE MOCKER
KATHARINE BLAIR CUTHBERT	ELLEN ROBINSON MOORHEAD
BARBARA DASCIBACH	BETTY JANE OLIVER
*RUTH ANN DAVIES	ELIZABETH PALMER PENSOM
ELIZABETH JANE DUCKWALL	FLORENCE EMILY RAY
JUNE MILDRED FEICK	ELIZABETH LOUISE RINDLAUB
JENNIE MARIE FERRALLI	KATHRYN GERTRUDE ROCKEFELLER
GENEVIEVE AILEEN GIBSON	BETTY RUTH ROSENFELD
MARY FRANCES GREGG	RUTH PARKER ROSS
VIRGINIA FRICK GUNNING	JANE FOSTER ST. CLAIR
HELEN ELISEBETH HARRIS	ELIZABETH SPEER SCHENCK
MARY ELIZABETH HOBBS	HORTENSE NORTON SEEDLOCK
CORNELIA JANE HOCKENSMITH	FLORENCE VAN DYKE SMITH
MILLCENT EVANS HOYT	HELEN MARSHALL STARKEY
IVY CATHERINE HUETTER	LUCILE M. STOEHR
KATHRYN LAYTON IRWIN	MARY ELIZABETH TILGHMAN
*ESTHER CARDOZA JACKSON	DOROTHY ELIZABETH WALLACE
FLORA JEANNE KALISH	MARY LOUISE WEBER
JEAN DARRAGH KEENAN	MARY BEATRICE WEIBEL
MARY JANE KERR	ROSE MARIE WELLER
FREDA ADA LEWIN	*LORINE ALYCE WHITE
GENEVIEVE MARKLE LOVE	ALICE EVELYN WILLIAMS
LETITIA BROWN MAHAFFEY	RUTH ANNE WYANT

*With honors.

JESSAMINE ROBERTA SIBLEY received A.B. degree October 19, 1939

Students in 1940-1941

Senior Class—1940

ARTHUR, RUTH MARY
 AUNGST, JEAN
 BAHR, BERYL
 BAUER, RUTH
 BRENNAN, JANET LUCILLE
 BROWNE, SARAH DICKSON
 BURRY, JEAN ELIZABETH
 CATE, JEAN
 CHENG, HELEN MOON
 CHRISTY, MARGARET MILTON
 CLARK, RUTH ELEANOR
 COCKERILLE, NANCYANN
 COOK, VIOLET VIRGINIA
 CRAWFORD, BETTY
 CUMBLER, VIVIAN FAY
 CURRY, JEAN ELIZABETH
 DETWILER, GENE
 DUNSEATH, MARGARET
 EASTWOOD, ELIZABETH LAY
 FITE, RUTH A.
 GANGLOFF, ELEANOR
 GEISELHART, JEAN ESTHER
 HANAUER, JANE T.
 HORTON, AUDREY
 IAMS, CATHERINE
 KEISTER, JEAN FRASER
 KINZER, CADDIE LOUISE
 KIRK, RACHEL MARY
 KRAUSE, PATRICIA
 LEAN, LOUISE SUTTON

LOHR, HELEN MARGARET
 LUDLOW, ANNE FRANCES MORTON
 MAHAFFEY, FRANCES
 MANGUM, ADA LEE
 MARSHALL, ELLEN
 MCCALLISTER, MARIANNE
 MEDLOCK, MADGE RUSSELL
 MENGEL, RUTH LOUISE
 MILLER, ANN HAMILTON
 MORROW, ELIZABETH ANN
 MULKEARN, LAURA ELIZABETH
 OFFILL, ELINOR BISSELL
 OSTERGARD, MARY ELLEN
 OVER, NANCY JOSEPHINE
 ROSS, JANET CONNELLY
 RUTTER, KATHERINE ELISE
 SCHMIDT, AETHELBURGA
 SCHREYER, RENEE SIMONE
 SCOTT, JANE
 SHOEMAKER, MARY LOU
 SHOUP, FRANCES M.
 SOMMERFELD, PAULINE MARIE
 SPINNING, ALICE ALIDA
 STEVENSON, HELEN MAR
 SWEENEY, ELIZABETH F.
 THOMPSON, CATHERINE
 VIEHMAN, JANE
 WATSON, JEAN STAIRS
 WHELDON, INEZ BEDEL
 WILSON, NANCY

WOLFF, MARY LYDA

Junior Class—1941

AYRES, JEANNE-ANNE
 BACON, BETTY ANNE
 BEBERTZ, MARGARET JEANNE
 BINFORD, MARJORIE MAY
 BUTLER, ANNE SPOTTSWOOD
 CALDWELL, LOUISE ANN
 CHATTAWAY, HAZEL ALICE
 CLIPSON, SHIRLEY ANNE
 DALEY, MARY JANE
 FITZWILSON, (MARY) ELAINE
 FREY, ELIZABETH NEIMAN
 GESCHWINDT, DOROTHY ELEANORE

GRACEY, RUTH JANET
 HAMMER, JEAN BURLAND
 HEALEY, JO ANNE
 HECHT, HELEN
 HILL, JEAN STUART
 HOWARD, ELIZABETH ANN
 JOHNSON, FRANCES
 JOHNSTON, MILDRED LOUISE
 KENT, PATRICIA MOSS
 KINTER, MARY ELIZABETH
 LAMBING, NATALIE F.
 LINDSAY, ANNE PITCAIRN

LONGWELL, MARGARET PATRICIA
 MARKS, MARY LINN
 MARTIN, CAROLYN JANE
 MCGOWAN, JEAN
 MCINTYRE, HELEN LOUISE
 MEYER, ALLISON JUNE
 MITCHELL, ADELAIDE CLAIRE
 OETTINGER, MAE HANNA
 OLIVER, DOROTHY
 O'NEILL, JANE DUNSEATH
 PATTON, GLADYS RUMMEL
 PIERCE, JANE
 RICHARDS, MARY BERTHA

RODD, MARY
 RUDINSKY, MILDRED PAULINE
 SCHAFFER, ELEANOR KATHRYN
 SHIDEMANTLE, ELIZABETH JANE
 STEFFLER, BETTY JANE
 STEINMARK, ALICE GRUEY
 STRICKLAND, RUTH ELIZABETH
 SUCCOP, RUTH ANNETTE
 TIEL, ELEANOR ELIZABETH
 WEIBEL, MARGARET ELINOR
 WELLER, HELEN
 WELLS, JULIA ANDERSON
 WOLF, CHARLOTTE OLIVE

WOOLDRIDGE, SUSAN ELIZABETH

Sophomore Class—1942

ADAMS, ANNA L.
 ANDERSON, MARGARET
 ANDREWS, DOROTHY MARY
 ARMSTRONG, MARDEN
 BABB, MARY LOUISE
 BAKER, BETTY ANNE
 BALMER, MARY ELIZABETH
 BARSCHDORF, EMILY MENDELL
 BOSTWICK, CAROL GILLETTE
 BURCHINAL, JEAN STURGIS
 BURGE, FRANCES
 CAMPBELL, ALICE JANE
 CHANTLER, JANE LOUISE
 COLBAUGH, ELIZABETH D.
 COOPER, GLADYS
 COPELAND, ELLEN BLACKBURN
 CROFT, ALISON
 DAVID, MARY PATRICIA
 DAVIES, JANE
 DOBSON, BEATRICE ELIZABETH
 DRIVER, ANNE K.
 EVANS, DOROTHY
 FARIS, JEAN ELIZABETH
 GAHAGEN, BETTY JANE
 GLICK, ELEANOR JANE
 GRAHAM, MARGARET C.
 HARTER, MARY JANE
 HAZELTINE, BETTY
 HERROD, ETHEL LOUISE
 HIBBS, MARGARET ELIZABETH
 HIGGINS, MARJORIE I.
 HIRSCH, MARY EMMA
 HORTON, GRACE MARY
 KEISTER, PHYLLIS ALBERTA
 KNORR, CORDELIA

LAPPE, VIRGINIA RUTH
 MACKEY, MARY ANN
 MAERKER, BARBARA JANE
 MATHENY, MARGARET LOUISE
 MCCLUNG, JANE
 MCCUNE, VIRGINIA RAE
 MCGREGOR, MARGARET
 MCKAIN, ALICE WOOD
 MCKNIGHT, HARRIET N.
 MILLER, JEAN
 MOORE, HELEN
 MORSE, KATHRYN ELIZABETH
 MURRAY, JANET
 MYERS, JOAN
 NORRIS, MARJORIE
 NOTZ, RUTH VERLINDA
 PATTON, RUTH
 POSTER, DOLORES M.
 PROVOST, ALICE
 PURKISS, DOROTHY RUTH
 ROPE, MARY ELIZABETH
 ROWSE, ELIZABETH MAUDE
 SAYLOR, ANNA ELIZABETH
 SCOTT, NANCY
 SHELLKOPF, HELEN JEAN
 SHIPLEY, ELIZABETH ANN
 SINGER, MARY MITCHELL
 SMITH, JANE ELOISE
 SPEER, VIRGINIA M.
 STEWART, CLAIRE ELIZABETH
 STEWART, MILDRED
 STRATHEARN, MARY K.
 SUCCOP, FLORENCE M.
 SUMNER, MARY ELIZABETH
 THOMAS, SARA ANNE

VALE, DOROTHY EDITH
WECHSLER, EILEEN
WESSEL, EILEEN RUTH
WHELDON, JULIA

WIRTH, HELEN KATHERINE
WIRTH, LOIS KATHERINE
WOOD, MARJORIE ANN
WOY, MINA MARIE

Freshman Class—1943

ANDERSON, MARGARET
ARCHER, JEAN
BAER, JANET RUTH
BAKER, ANN C.
BALLARD, MARGARET
BEINHAUER, ELEANOR T.
BELL, MARY ANN
BENZ, SARAH MARGARET
BLACK, ELEANOR BRICE
BLUE, PATRICIA FLORENCE
BOILEAU, MARY JEANNETTE
BROOKS, DOROTHY STEWART
BROOKS, MARY JANE
BROWN, BETTY MAE
BROWN, HELEN ANN
BROWNE, BARBARA OAKLEY
CAREY, CATHARINE HEARD
COLE, EDITH
CROYLE, FLORENCE
CUMMINS, ANN LUCILLE
DEWOODY, JEAN ELIZABETH
DIETZ, PEGGY
DITGES, VIRGINIA
DODDS, DORIS
DOERR, NANCY
DUCEY, MARY EVELYN
EVANS, JANE
FILIPELLI, ROSEMARIE
FISHER, MARY JANE
FITZPATRICK, MARY JANE
GARRETT, ELEANOR V.
GILLESPIE, VIRGINIA DORSCH
GILSON, RUTH PHILA
GOLDBLUM, JANICE LEE
GREY, MARY M.
HALDEMAN, LOUISE EDNA
HEINZ, BARBARA
HENDRYX, VIRGINIA CODY
HENRY, MARY LOUISE
HETH, MARJORIE JEAN
HILBISH, ELLA GUTHRIE
HORNE, DOROTHY MAE
HORWITZ, CLAIRE MARKS
HUMPHREYS, JANE ELIZABETH
HUNKER, JUNE MARIETTA

HUTCHISON, DORIS
HYDE, BETTY VANCE
JANOUCH, MILES MAGDALENE
JOHNSON, MARGARET ETHELYN
JOHNSTON, BARBARA KING
KAESSNER, DOROTHY EVELYN
KEFFER, ELINOR
KIEFFER, MARION ELEANOR
KLEIN, EVELYN
KOTT, JOSEPHINE
KUHN, CYNTHIA
LAMBIE, MARIAN LOUISE
LAUER, VIRGINIA COLEEN
LOGUE, PATRICIA
LOWE, ALTHEA RUTH
LOWRY, PATRICIA LOUELLA
MALANOS, MARGARET CATHERINE
MALEY, NINA ARMINTA
MARONEY, ELIZABETH ANN
MARSHALL, DOROTHY JANE
MCCALL, JANE ESTHER
MCCORMICK, JANET
MCCORMICK, MARY JANE
MCCULLOCH, JEAN
MCKAY, AMY ELEANOR
MEYERS, RUTH E.
MINNECI, DOROTHY ANNE
MOORE, MADALYNNE CARRENE
NOONAN, MARJORIE ANN
ORR, MARGARET BLAIR
PRICE, JUNE
REED, ALICE
RENO, NORMA JANE
RIDER, ZILLAH LOUISE
ROSS, JANET ELIZABETH
ROWELL, MARION VIRGINIA
RUDMAN, ELIZABETH AGATHA
SCHELL, NANCY B.
SCHWEPPE, MARY BERNADINE
SHANE, CONSTANCE OLIVE
SHOUP, BETTE
SILVERSTEIN, GLORIA ANN
SIMPSON, BETTY
SKALYO, ANNA J.
SUMNER, VIRGINIA S.

SWEET, PRISCILLA JEAN
 TEICHMANN, MARIAN AUGUSTA
 TROSS, PHYLLIS HELEN
 VERNON, ELIZABETH ANN
 VON FOSSEN, CLARANNE
 WALLACE, LOUISE HAZEL
 WARD, ELIZABETH

WATSON, CATHERINE ANN
 WATTERS, ELIZABETH JANE
 WAYNE, ROSELLA
 WOLF, LORRAINE
 WRAGG, MARGARET JANE
 WYRE, JEAN ROBINSON
 ZWARD, MARY LORRAINE

Unclassified Students

Candidates for classification as regular students who are carrying twelve hours or more in college classes, but who are deficient in more than six hours for regular classification:

ARTHUR, JEAN MURIEL
 BIRRELL, ELIZABETH PHYLLIS
 BIRRELL, SARA JOSEPHINE
 CHAPMAN, AILEEN RUTH
 EISENBERG, MARY KATHRYN
 KERR, MARY ELIZABETH

MAHANEY, MARIANA
 SPELLMIRE, MARY ALICE
 SUNDBERG, ELIZABETH MURRAY
 WAUGH, HELEN KATHERINE
 WRIGHT, RUTH STIRLING
 ZACHARIAS, SARA JANE

Special Students

Students who have been admitted for special work other than music:

ARMSTRONG, MARY LOU
 ATKINSON, BETTY
 BEAL, CYNTHIA CATE
 BOREMANN, ANNEMARIE
 DEMMLER, RUTH
 ENGLAND, MARY HELEN
 HANSEN, JEAN

HUSTED, MARY LOUISE
 KISTLER, MRS. JOHN
 KREIMER, MILDRED W.
 LEWIS, MARY JOHNSTON
 MENARD, MRS. MONTANA
 METZGER, DOROTHY THOMPSON
 SUNSTEIN, LOUISE D.

Students of Applied Music

BAHR, BERYL
 BEBERTZ, MARGARET
 BROWN, HELEN
 CAREY, DOROTHY
 CLARK, RUTH
 COHEN, MARION
 COOPER, GLADYS
 CUMBLER, FAY
 DAVIS, JEAN
 DITGES, VIRGINIA
 EISENBERG, MARY KATHRYN
 ENGLAND, MARY HELEN
 HALDEMAN, LOUISE EDNA

HANAUER, JANE
 HENDERSON, HELEN RUTH
 HOFFSTOT, BARBARA
 HOOKER, ELIZABETH
 HUNKER, JUNE
 HUSTED, MARY
 HUTCHISON, DORIS
 JENKINS, MARY ELIZABETH
 JOHNSON, MARGARET
 KEISTER, JEAN
 KEISTER, PHYLLIS
 KIEFFER, MARION
 KLEIN, EVELYN

KOTT, JOSEPHINE
 LAWSON, GERTRUDE
 LINDSAY, ANNE
 MAHAFFEY, FRANCES
 MARKS, MARY LINN
 MCCALLISTER, MARIANNE
 MCKAY, AMY
 MCPARLAND, SALLY COOPER
 MEYER, ALLISON JUNE
 MOORE, HELEN
 MULKEARN, LAURA
 NORRIS, MARJORIE
 ROPE, MARY ELIZABETH

ROWSE, ELIZABETH
 SCHAFER, ELEANOR
 SHOUP, FRANCES
 SPEER, VIRGINIA M.
 SPINNING, ALICE ALIDA
 STEVENSON, MARY
 STEWART, CLAIRE ELIZABETH
 SUCCOP, FLORENCE
 THOMPSON, CATHERINE
 VERNON, ELIZABETH ANN
 WARDLEY, ANNETTA
 WATSON, JEAN STAIRS
 WELLS, JULIA

WESSEL, EILEEN

Seniors	61
Juniors	51
Sophomores	77
Freshmen	104
Unclassified	13
Special	14
Music (not taking academic work)	11
<hr/>	
Total in all departments.....	331

Alumnae

The Alumnae Association

The Alumnae Association of Pennsylvania College for Women was organized in 1876. In January 1926, an office was established at the College and a part-time secretary employed. Two regular meetings of the association are held every year in October or November and the Saturday preceding Commencement.

Each year the Association gives several scholarships to the College, and maintains a small loan fund to assist worthy students. In 1935 the Association adopted the Alumnae Fund system in place of the older method of collecting fixed dues. As a result of this plan, the Alumnae have been able to make a substantial gift to the College each year since its adoption.

The Alumnae Recorder, containing news of the College and its graduates, and *The Alumnae Register* are issued by the Association at appointed intervals.

OFFICERS

EDITH STANTON	President
ELIZABETH PORTER STEINMILLER.....	First Vice President
HELEN BIRMINGHAM PROCTOR.....	Second Vice President
MARY KOLB.....	Treasurer
MARY JANE MCCUTCHEON GUY.....	Recording Secretary
AMELIA AIELLO CANGI.....	Corresponding Secretary
MARGARET PERRY.....	Alumnae Secretary
ELIZABETH BURT MELLOR.....	Alumnae Trustee

Alumnae Clubs

In districts where a large number of graduates are living, P.C.W. clubs have been organized. The existing clubs and their presidents are listed below:

CLEVELAND—Mrs. Donald Maxwell [Christine Griggs, ('27)],
16620 Endora Road, Cleveland.

DETROIT—Miss Imogene Armstrong ('20), 2933 W. Chicago Blvd.,
Detroit.

GREENSBURG—Mrs. Todd Truxal [Helen Steele ('16)], 119 Arch Street.

NEW YORK—Mrs. I. B. Caris [Olive Weihe (Spec. '10-'11)], 73 Ely Place, E. Orange, N. J.

PHILADELPHIA—Mrs. Ralph Knoll [Hortense Ibach ('28)], 610 9th St., Prospect Park, Penna.

Alumnae Representatives

To disseminate information about Pennsylvania College for Women in communities distant from Pittsburgh, to confer with prospective students and their parents, and to assist the College in selecting the most desirable applicants from their own localities, Alumnae Representatives have been appointed by the college in the following states and districts:

CONNECTICUT—Mrs. Francis Wilcox Potter [Mary Louise Towar ('30)], 1889 Asylum Street, West Hartford.

DISTRICT OF COLUMBIA—Mrs. William C. Bond [Clara Boyd ('29)], 6809 Exfair Road, Bethesda, Maryland.

FLORIDA—Miss Jane B. Evans ('31), 2908 Royal Palm Avenue, Miami Beach.

GEORGIA—Mrs. Joseph C. Harvard [Mary MacLaughlin ('22)], 1237 Gordon Street, S.W., Atlanta.

ILLINOIS—Mrs. Thaddeus E. Hackett, Jr. [Virginia Glandon ('27)], 415 Fullerton Parkway, Chicago.

KENTUCKY—Miss Augusta Rogers ('19), Catlettsburg.

MARYLAND—Mrs. Joseph E. Lee, Jr. [Elizabeth Davidson ('28)], 704 Hatherleigh Road, Stoneleigh, Baltimore.

MASSACHUSETTS—Mrs. Risher Dunlevy [Frances Ray ('27)], 120 Stedman Street, Brookline.

MICHIGAN—Miss Imogene Armstrong ('20), 2933 W. Chicago Blvd., Detroit.

NEW JERSEY—Mrs. Henry A. McCracken [Eleanor Fulton ('26)], 328 Park Avenue, Newark, New Jersey.

NEW YORK—Mrs. William G. Rohlfis [Emelyn Taylor ('27)], 91 Kirkwood Avenue, Merrick, L. I.

OHIO—Mrs. J. Byers Hays [Charlotte Hunker ('18)], 2341 Delaware Road, Cleveland Heights.

Mrs. Duane E. Banks [Josephine Pyle ('28)], 161 North Highland, Akron.

OKLAHOMA—Mrs. William A. Kraus [Harriet Hill ('22)], 1220 Johnstone Ave., Bartlesville.

PENNSYLVANIA—Mrs. Charles Noyes [Martha Crandall ('17)], R. D. No. 1, Butler.

Miss Gene Feightner ('29), 527 Harrison Avenue, Greensburg.

Miss Doris Thomas ('31), 125 Warren Street, West Pittston.

Mrs. Pierce Gilbert [Virginia Wilcox ('20)], 407 Park Avenue, Swarthmore.

Mrs. E. J. Thompson (Harriet Barker '23), 911 Presqueisle Street, Philipsburg.

Mrs. Burley Emerick (Marybelle Carroll '27), 11 Lenox Street, Uniontown.

TENNESSEE—Mrs. Clifford Barbour (Laura Taber '19), Glenfield Drive, Knoxville.

OREGON—Mrs. Kelmar K. LeMaster (Lila Osborne '27), 3831 N.E. 69th Avenue, Portland.

WEST VIRGINIA—Mrs. Millard Sisler [Florence Keys, ('13)], 301 Wagner Road, Morgantown.

The Alumnae Council

The Alumnae Council is composed of alumnae members of the College Board of Trustees, members of the Executive Board, chairmen of all committees, the appointed Alumnae Representatives, members from each alumnae class and alumnae club as well as a limited number of associate alumnae.

A conference is held at the College the week-end before the P.C.W. spring vacation.

The purposes of the council are to keep alive the loyalty of alumnae and enlist their active interest in and support of their alma mater, to keep in close touch with the administration of the College and communicate to the alumnae the progress and needs of the College, and to formulate recommendations to be presented at the June meeting of the Alumnae Association for the adoption of policies which will promote the best interests and welfare of the Alumnae Association and the Pennsylvania College for Women.

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PENNSYLVANIA COLLEGE
FOR WOMEN
BULLETIN

ANNOUNCEMENTS FOR
1941-1942

REGISTER OF FACULTY AND STUDENTS FOR
1940-1941

PITTSBURGH, PENNSYLVANIA
MARCH 1941

Correspondence

IN the list below are the names and addresses of persons to whom inquiries of various types should be sent. The post office address is Pittsburgh, Pennsylvania.

Correspondence regarding the general interests of the College should be addressed to **THE PRESIDENT OF THE COLLEGE**.

Requests for catalogues, inquiries regarding admission to the College and the reservation of rooms in the halls of residence as well as inquiries regarding the academic work of students, their withdrawal from College, leaves of absence, scholarships and loan funds should be addressed to **THE DEAN OF THE COLLEGE**.

Correspondence relating to the business matters of the College and payment of College bills should be addressed to **THE ASSISTANT TREASURER**. Checks should be made payable to the **PENNSYLVANIA COLLEGE FOR WOMEN**.

Correspondence relating to the publicity of the College should be addressed to **THE DIRECTOR OF PUBLICITY**.

Requests for transcripts of records should be addressed to **THE RECORDER**.

Correspondence relating to the alumnae of the College should be addressed to **THE SECRETARY OF THE ALUMNAE ASSOCIATION**.

Those wishing to get in touch with an **ALUMNAE REPRESENTATIVE** living near their home should consult pages 89-91 for the address.

Calendar

1940

1941

1942

JULY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JULY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JANUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	FEBRUARY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28
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NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	NOVEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	MAY S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JUNE S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	DECEMBER S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	JUNE S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

College Calendar

Academic Year—1940-41

REGISTRATION FOR FRESHMEN	9 A.M.-1 P.M., Monday, September 16
FRESHMAN ASSEMBLY	10:30 A.M., Monday, September 16
FRESHMAN ASSEMBLIES AND TESTING PROGRAMS	1:30-4:30 P.M., Monday, September 16
	9:00 A.M.-4:30 P.M., Tuesday, September 17
REGISTRATION FOR UPPER-CLASSMEN.....	9:00 A.M.-4 P.M., Tuesday, September 17
OPENING OF 70TH ACADEMIC YEAR.....	10:00 A.M., Wednesday, September 18
HOLIDAY, ARMISTICE DAY.....	Monday, November 11
THANKSGIVING VACATION BEGINS.....	12:30 P.M., Wednesday, November 27
THANKSGIVING VACATION ENDS.....	8:30 A.M., Monday, December 2
CHRISTMAS VACATION BEGINS.....	12:30 P.M., Thursday, December 19
CHRISTMAS VACATION ENDS.....	8:30 A.M., Monday, January 6
MID-YEAR EXAMINATIONS BEGIN.....	9:00 A.M., Thursday, January 23
SECOND SEMESTER BEGINS.....	8:30 A.M., Tuesday, February 4
SPRING VACATION BEGINS.....	12:30 P.M., Friday, April 4
SPRING VACATION ENDS.....	8:30 A.M., Tuesday, April 15
FINAL EXAMINATIONS BEGIN.....	9:00 A.M., Wednesday, May 28
ALUMNAE MEETING	4:00 P.M., Saturday, June 7
CLASS DAY.....	Saturday, June 7
BACCALAUREATE SERMON	11:00 A.M., Sunday, June 8
68TH ANNUAL COMMENCEMENT.....	10:30 A.M., Monday, June 9

Academic Year—1941-42

REGISTRATION FOR FRESHMEN	9:00 A.M.-11 A.M., Monday, September 22
FRESHMAN ORIENTATION PROGRAM	September 22-24
REGISTRATION FOR ALL OTHER STUDENTS	9:00 A.M.-4 P.M., Tuesday, September 23
OPENING OF 71ST ACADEMIC YEAR	Wednesday, September 24
THANKSGIVING RECESS	from 12:30 P.M., Wednesday, November 26 to 8:30 A.M., Monday, December 1
CHRISTMAS RECESS	from 12:30 P.M., Friday, December 19 to 8:30 A.M., Tuesday, January 6
MID-YEAR EXAMINATIONS	January 22-January 30
SECOND SEMESTER BEGINS.....	Tuesday, February 3
SPRING RECESS	from 12:30 P.M., Friday, March 27 to 8:30 A.M., Tuesday, April 7
MEMORIAL DAY, HOLIDAY.....	Saturday, May 30
FINAL EXAMINATIONS	May 27-June 5
COMMENCEMENT	Monday, June 8

NOTE: Classes are omitted Junior Prom Saturday.

Board of Trustees

Officers

ARTHUR E. BRAUN.....	President
RALPH W. HARBISON.....	First Vice-President
JAMES E. MACCLOSKEY, JR.....	Second Vice-President
MRS. CHARLES H. SPENCER	Secretary
PEOPLES-PITTSBURGH TRUST CO. OF PITTSBURGH.....	Treasurer

Members

Term Expires 1941

FREDERICK G. BLACKBURN	JAMES E. MACCLOSKEY, JR.
MRS. R. D. CAMPBELL	JOHN H. RICKETSON, III
RALPH W. HARBISON	MRS. CHARLES H. SPENCER

Term Expires 1942

CHARLES F. LEWIS	MRS. ELIZABETH BURT MELLOR
MRS. JOHN R. McCUNE	MRS. ALEXANDER MURDOCH
HERBERT L. SPENCER	

Term Expires 1943

WILLIAM P. BARKER	GEORGE D. LOCKHART
ARTHUR E. BRAUN	MRS. GEORGE WILMER MARTIN
ALEXANDER C. ROBINSON	

Administration

Officers of Administration

HERBERT L. SPENCER, PH.D.....	President
MARY HELEN MARKS, L.H.D.....	Dean
HARRIET D. McCARTY, A.B.....	Librarian
JOSEPHINE CAMPBELL, A.B.....	Field Representative
VERA L. MOWRY, A.M.....	Secretary to the President
HAZEL COLE SHUPP, PH.D.....	Director of Publicity
MARY IDA McFARLAND, A.B.....	Recorder
INA V. HUBBS, B.S.....	Assistant Librarian
DOROTHY HAYFORD, A.M.....	Secretary to the Dean

Faculty

HERBERT L. SPENCER.....	President
B.S., Carnegie Institute of Technology; A.M., Ph.D., University of Pittsburgh	
MARY HELEN MARKS.....	Dean
A.B., Smith College; A.M., L.H.D., Pennsylvania College for Women	
VANDA E. KERST.....	Professor of Speech and
Head of the Department of Speech	
Heidelberg University; special training at Curry School of Expression, University of Chicago, University of Wisconsin, University of London, Speech Institute of London	
CARLL W. DOXSEE.....	Professor of English and
Head of the Department of English	
A.B., A.M., Wesleyan University; Ph.D., Princeton University	

- JAMES S. KINDER.....Professor of Education and
Head of the Departments of Education and Psychology
B.S., Southeast Missouri Teachers College;
A.M., Ph.D., Columbia University
- ANNA L. EVANS.....Professor of History and
Political Science and Head of the Department of History
A.B., Oberlin College; A.M., Smith College
Ph.D., Columbia University
- EARL K. WALLACE.....Professor of Chemistry and
Head of the Department of Chemistry and Physics
B.S., Pennsylvania State College; A.M., Ph.D., Columbia University
- HELEN CALKINS.....Professor of Mathematics
and Head of the Department of Mathematics
A.B., Knox College; A.M., Columbia University;
Ph.D., Cornell University
- EDWARD W. MONTGOMERY.....Professor of Sociology
and Head of the Department of
Sociology and Economics
A.B., Parsons College; A.M., Ph.D., University of Chicago
- NITA L. BUTLER.....Professor of
Greek and Latin and Acting Head of the
Department of Classical Languages
A.B., A.M., Ph.D., University of Michigan
- MARY I. SHAMBURGER.....Assistant Professor of English
A.B., Guilford College; A.M., Columbia University
- LABERTA DYSART.....Assistant Professor of History
A.B., University of Nebraska; A.M., Columbia University
- EFFIE L. WALKER.....Assistant Professor of History
A.B., George Washington University; A.M., Columbia University
- *ELEANOR K. TAYLOR.....Assistant Professor of English and
Lecturer in Sociology
A.B., The Rice Institute; A.M., University of Pittsburgh
- HELENE WELKER.....Assistant Professor
of Music and Chairman of the Department of Music
A.B., Hunter College; graduate, Institute of Musical Art, New York
City; graduate study with Ernest Hutcheson, Harold Bauer, and
Lazare Lévy in Paris

*On leave of absence, 1940-1941.

- MARGARET ROBB.....Assistant Professor of Speech
A.B., Geneva College; A.M., University of Iowa
Ph.D., Columbia University
- MARION THURSTON GRIGGS.....Assistant Professor of French
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- LILLIE B. HELD.....Assistant Professor of Music
A.B., Carnegie Institute of Technology; A.M., Columbia University
- ELIZABETH PIEL.....Assistant Professor of German
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- DOROTHY M. ANDREW.....Assistant Professor of Psychology
A.B., A.M., Ph.D., University of Minnesota
- DOROTHY A. SHIELDS.....Assistant Professor of
Economics and Sociology
A.B., Goucher College; A.M., University of Pittsburgh
- HAZEL COLE SHUPP.....Assistant Professor of English
A.B., Colby College; Ph.D., Yale University
- MARGUERITE MAINSSONNAT OWENS.....Assistant Professor
of French
B.S., Cours Louis Marin, Paris; Certificat pédagogique, Paris; Ecole
des Hautes Etudes, Sorbonne; A.M., Hamline University
- PHYLLIS COOK MARTIN.....Assistant Professor of
Biology and Acting Head of the Department of Biology
B.S., M.S., University of Pittsburgh; Ph.D., University of Illinois
- MARGARET T. DOUTT.....Lecturer in Biology
B.S., M.S., University of Pittsburgh; Ph.D., Michigan State College
- N. R. HIGH MOOR.....Lecturer in Religious Education
B.L., M.A., Kenyon College; D.D., Bexley Theological Seminary
- HAROLD L. HOLBROOK.....Lecturer in Education and
Director of the Adjustment Institute
B.S., University of Pittsburgh; Ph.D., Yale University
- *HELEN G. ERRETT.....Instructor in Physical Education
A.B., Pennsylvania College for Women

*On leave of absence, 1940-1941.

- †OLIVE O. HARRIS.....Instructor in Education
B.S., Columbia University; M.Ed., University of Pittsburgh
- †RALPH LEWANDO.....Instructor in Violin
Studied at Royal Imperial Conservatory of Vienna under Sévcik;
attended Vienna University, studied with Leopold Auer
- †RUTH ELEANOR STAPLES.....Instructor in Spanish
A.B., A.M., University of Pittsburgh
- †EARL B. COLLINS.....Instructor in Organ
Mus.B., Syracuse University
- GERTRUDE N. AYARS.....Instructor in Voice
Mus.B., Kansas City Conservatory of Music; studied under Hageman
and under Gabrielle Chriseman in Nice; coached with Jean deReszke
- †VIVIAN M. RAND.....Instructor in English
B.S., University of Alabama; A.M., University of North Carolina
- †SAMUEL ROSENBERG.....Instructor in Applied Art
National Academy of Design, New York; A.B., Carnegie Institute
of Technology; First Honor, Associated Artists of Pittsburgh
- HANNA GUNDERMAN.....Instructor in Secretarial Studies
A.B., Muskingum College; M.Ed., University of Pittsburgh
- †ELMER E. STICKLEY.....Instructor in Physics
B.S., Carnegie Institute of Technology; M.S., University of Pittsburgh
- ALLEN W. SCHOLL.....Instructor in Chemistry
B.S., Ashland College; M.S., Ph.D., Pennsylvania State College
- MARGARET KAEISER.....Instructor in Biology
B.S., M.S., University of Oklahoma; Ph.D., University of Illinois
- ‡ELEANOR J. GRAHAM.....Instructor in Physical Education
A.B., Oberlin College; M.Ed., University of Pittsburgh
- †GENEVIEVE JONES.....Instructor in Modern Dance
B.S., University of Wisconsin
- †PESCHA KAGAN.....Visiting Artist
Pianist, radio artist, solo recitalist;
has appeared with Symphony Orchestras of Cincinnati and Pittsburgh
- †Part time only.
- ‡Substituting for Miss Errett.

School of Nursing—Allegheny General Hospital

MILDRED I. LORENZ, B.S., R.N.....Director of Nurses and
Principal of School of Nursing
University of Cincinnati

ESTHER M. THOMPSON, B.S., A.M., R.N.....Educational Director
University of Minnesota, Columbia University

Other Officers

ETHEL C. BAIR, A.B.House Director, Woodland Hall

CHESTER C. O'NEIL.....Superintendent of Buildings and Grounds

ANNA E. WEIGAND.....Manager of Book Store

KATHERINE L. HARRISON, R.N.Resident Nurse

GLADYS HOWELL.....Accountant

DR. IRENE D. FERGUSON.....College Physician

DR. T. GORDON FERGUSON.....College Physician

RUTH DEMMLER.....Librarian, P.C.W. Film Service

MRS. MARION M. BENN.....House Director, Berry Hall

MARGARET F. PERRY, A.B.....Alumnae Secretary

MRS. SAMUEL A. GILMORE....House Director, Andrew Mellon Hall

MRS. BETH HANKS, B.S.....Assistant Accountant

With the exception of the President and the Dean, the
names in each group are arranged in order of appointment.

Standing Committees

Faculty

ADMISSIONS—Dean Marks, Miss Campbell, Miss Hayford, Mr. Kinder, Miss McFarland

ADVISORY—The President, the Dean, Secretary of the Faculty, Miss Andrew, Mr. Kinder, Mr. Montgomery, Mrs. Shupp

CHAPEL—President Spencer, Dean Marks, Mr. Collins, Miss Mowry, Mr. Scholl, Miss Shields

CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Kerst, Mr. Wallace, Miss Welker, Dean Marks and President Spencer, *ex officio*

HONORS BOARD—Dean Marks, Miss Piel, Mrs. Shupp, Miss Walker, Mr. Wallace

LIBERAL ARTS—Dean Marks, Mrs. Martin, Mr. Montgomery, Mrs. Owens, Miss Welker

LIBRARY—Miss McCarty, Miss Butler, Mr. Doxsee, Miss Kaeiser, Miss Walker

PUBLIC EVENTS—Dean Marks, Mrs. Ayars, Miss Held, Miss Kerst, Miss Howell, Miss Robb, Mrs. Spencer, Miss Staples

PUBLICATIONS—Mrs. Shupp, Miss Campbell, Miss Gunderman, Dean Marks, Miss Mowry

SCHOLARSHIP—Dean Marks, Miss Dysart, Mrs. Martin, Miss Piel, Mrs. Rand, Miss Robb, Miss Shamburger, Miss McFarland, *ex officio*

Faculty-Student

FACULTY-STUDENT COUNCIL—President Spencer, Dean Marks, Miss Butler, Miss Robb, Mr. Wallace. Student membership: President and first and second vice-presidents of the Student Government Association, President of Woodland Hall, class presidents, President of the Young Women's Christian Association, President of the Athletic Association, Editor of *The Arrow*.

FACULTY-STUDENT CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Kerst, Mr. Wallace, Miss Welker, Dean Marks and President Spencer. Student membership: A senior chairman and one member chosen from each of the four classes.

Pennsylvania College for Women

PENNSYLVANIA COLLEGE FOR WOMEN is a school of liberal arts and sciences, conferring the degrees of Bachelor of Arts and Bachelor of Science. It offers instruction in the basic fields of knowledge and seeks to prepare its students for intelligent participation in the social order. It aims to equip students who wish to undertake graduate study or professional work with a sound foundation for their future activities, and to provide others who do not wish to take graduate work or to prepare for a profession with a broad general education. The College is non-denominational and welcomes students of all faiths. Because it is a small school, Pennsylvania College for Women is able to maintain an informal and friendly relationship between students and faculty that is conducive to good scholarship and personal development. Students are expected to live in college dormitories or in their own homes, unless special permission has been given directly from the Dean for any other living arrangements.

Foundation

The College was founded in December 1869, under the leadership of Dr. W. T. Beatty, pastor of the Shadyside Presbyterian Church. Fostered at first by members of the Presbyterian church, it has since become non-denominational. The College motto is "That our daughters may be as cornerstones, polished after the similitude of a palace."

Development

All College activities originally took place in the residence now known as Berry Hall, which was named in honor of its former owner. Dilworth Hall, named for the largest contributor toward the construction of the building, was erected in 1888. A preparatory school known as Dilworth Hall was connected with the College in its early years but was discontinued in 1916. A gymnasium and music hall were next added to the group of buildings on the campus. When the increased enrollment made it imperative to erect a new dormitory,

Woodland Hall was built. The Louise C. Buhl Hall of Science, which is unusually well equipped, and the beautiful James Laughlin Memorial Library were completed in 1932. A campaign for \$1,500,000 for building and endowment is now in progress. Plans are being made for a new administration building, gymnasium, and auditorium. In July, 1940, Mr. Paul Mellon gave to the college his beautiful Woodland Road estate, adjacent to the college campus, in memory of his father, the late Andrew W. Mellon. The spacious home is called Andrew Mellon Hall, and it has already become the social center for the college and the center for student activities.

Environment

Pennsylvania College for Women is situated on a hill crest of quiet, residential Woodland Road. The beautiful, twenty-acre campus provides a natural amphitheatre for May Day fetes and ample grounds for athletic fields. The College is fifteen minutes from the Civic Center of Pittsburgh where students may enjoy concerts by the world's outstanding musicians, visit the galleries housing the paintings of the International Art Exhibition, and take advantage of the many resources of the Carnegie Library and Museum.

Affiliation

The College is included in the accepted list of the Association of American Universities, and is on the accredited list of the Middle States Association of Colleges and Secondary Schools, and the American Association of University Women.

Admission of Students

Admission to the Freshman Class

THE factors to be taken into consideration in the admission of students are: quality of preparation, amount of preparation, endorsement of the secondary school, personal qualifications, an interview (wherever possible), and scholastic aptitude. The Committee on Admissions places greater emphasis on the quality of work done and the general fitness of the applicant for college work than on the number of units offered in specific subjects. A unit implies the study of a subject for a time equivalent to five periods a week for one year.

Candidates may apply for admission under one of the following plans:

- I. A graduate of an accredited secondary school should present fifteen units, of which three units must be in English. Of the remaining twelve units, nine are required from the following fields: (1) Language: Latin, Greek, French, German, Italian, Spanish; (2) Mathematics: Algebra, Plane Geometry, Trigonometry; (3) Science: Biology, Botany, Chemistry, Physics, Zoology; (4) Social Studies. The other three units may be from subjects not listed above. The committee on admissions reserves the right to pass upon the acceptability of subjects presented. Special emphasis is placed upon the work of the upper three years in the secondary school. If foreign language is presented for entrance, at least two units in one language should be submitted.
- II. Students graduating from accredited high schools in the state of Pennsylvania which are organized on the three-year senior high school basis must present a minimum program of thirteen units in the tenth, eleventh, and twelfth years, to be distributed as follows: (1) three units in English; (2) six units from the fields of Mathematics, Science, Social Studies, or Foreign Languages, with not less than two units in each field offered; (3) four units which may be presented as single units in the fields mentioned above; or two units from the above fields and two units elected from other fields.
- III. Applicants from progressive public and private secondary schools who have shown superior ability in their high school work, but who cannot present the proper units for admission, may avail themselves of the opportunity of admission by examination. This

examination will be a scholastic aptitude test. Note: This examination requirement does not apply to students coming from the group of Progressive Schools recommended by the Progressive Education Association, whose graduates we have agreed to accept on the same basis as students applying under (1), without examination.

Admission Procedure

An applicant for admission to the freshman class should write to the Dean of Pennsylvania College for Women for an application blank. When this has been received by the college, together with the \$10.00 application fee, the college will send a form to the secondary school on which the academic record of the student will be recorded. These forms should be sent to the college as early as possible in the student's secondary school course. Letters of recommendation will also be secured by the college from the high school.

When the preliminary records have been received and found satisfactory, an additional blank will be sent the high school for the recording of the final grades. When this has been received and approved, the applicant will be notified of her acceptance into the freshman class.

Additional information will be sent the accepted student during the summer before entrance concerning choice of courses, and the opening days of college.

Proficiency tests will be given all members of the freshman class during the first week of college in September. These are in no sense entrance tests, but will be helpful to the college in the placement of students in certain courses, or in certain sections of courses.

Each applicant for admission to the freshman class should read carefully the objectives of the college on page 18 and the courses offered, and should feel free to write to the Dean for any additional information, or for an explanation of any material in the catalogue.

Admission to Advanced Standing

Students who present credits from other accredited colleges whose entrance requirements and whose courses of study are equivalent to those of Pennsylvania College for Women may be admitted to advanced standing without examination.

Candidates for admission on advanced standing will be given tentative standing which will be made permanent after the satisfactory completion of one year's work in Pennsylvania College for Women.

An applicant for admission to advanced standing should observe the following procedure:

1. File an application on a form to be secured from Pennsylvania College for Women.
2. Send a statement giving the reason for leaving the present college, the reason for choosing Pennsylvania College for Women, and indicating the major subject.
3. Have the present college send an official transcript of the work taken there up to the time of making application.
4. Send a marked copy of the catalogue of the college attended, indicating the courses for which credit is desired.
5. Request the Dean of Women to send to the Dean of Pennsylvania College for Women a letter of personal recommendation.
6. At the close of the semester when entrance is desired, have the present college send,
 - (a) A final transcript of record.
 - (b) A statement of honorable dismissal.

Candidates for the degree of Bachelor of Arts must spend at least the senior year at Pennsylvania College for Women.

Admission of Special Students

Students of maturity are permitted to enter classes for which their previous training and experience have qualified them. Arrangements should be made by a personal interview with the Dean. Such students are subject to the same requirements as other students as to attendance, examinations, standing in class, and general regulations, if credit is desired for the work taken.

The Program of Studies

THE program of studies of Pennsylvania College for Women is designed to equip and train women to live vitally and responsibly in contemporary life. Such a program necessitates broad concepts of woman's part in the spiritual and civic life of home and community. A recent revision of the curriculum divides the program into two parts: the Lower Division, freshman and sophomore years, during which the student acquaints herself with many fields of human thought; and the Upper Division, junior and senior years, during which she concentrates in a field of particular interest.

Lower Division

The specific aims of the Lower Division are to assist the student:

1. To acquire effective habits and methods of study.
2. To acquire a wide range of information necessary to critical and objective thinking.
3. To develop artistic and aesthetic appreciation.
4. To acquire ability to make social adjustments.
5. To develop and maintain physical and mental health.
6. To stimulate intellectual curiosity and resourcefulness.
7. To prepare for intelligent and fruitful participation in the immediate and larger social order.
8. To foster spiritual and philosophical attitudes.
9. To discover and develop her own capacities and interests.

In order to meet the above stated objectives, the curriculum of the Lower Division is arranged in four groups:

GROUP I—*Arts*: Art, English language and literature, music, speech.

GROUP II—*Foreign Language and Literature*: French, German, Greek, Italian, Latin, Spanish.

GROUP III—*Sciences*: Astronomy, biology, botany, chemistry, geology and geography, mathematics, physics, psychology, zoology.

GROUP IV—*Social Studies*: Economics, education, history, philosophy, political science, religion, sociology.

Specific Requirements of the Lower Division

The specific requirements of the Lower Division are: English 1-2 (a freshman year requirement), Speech 1-2, one year of a laboratory science, and two year-courses in physical education, including hygiene in the freshman year.

Students may secure exemption from the Speech requirement by applying for permission to take the proficiency test in this subject to be given at entrance, and at the beginning of each successive semester.

Foreign Language Reading Test

All students must pass a reading test in one foreign language before graduation, preferably by the end of the sophomore year. Entering students may make application to take this reading test if they have had superior language preparation. Lower division students earning exemption from the language requirement need not choose another subject from Group II unless they wish to do so. These tests are given twice a year—at the opening of the college year in September and in May.

Freshmen will register for five courses, one to be selected from each of the four groups and one at large.

Sophomores will register for five courses, one to be selected from each of three groups and two at large. No student may select more than two courses from any one group.

A student in the Lower Division may elect courses from the Upper Division, provided her preparation has fitted her for more advanced work, or provided she has a special interest in a particular field. A student in the Upper Division may occasionally elect courses from the Lower Division, if her adviser considers such courses essential to her chosen field of study.

Students taking applied music for credit will be given special consideration to the extent that certain group requirements may be postponed.

The schedules of students in the Lower Division will be under the supervision of the Dean. At the end of the sophomore year each student will choose her major field. The head of her major department will then be her adviser.

In order to qualify for admission to the Upper Division a student must attain the required quality point average in the Lower Division work. No certificate will be given upon completion of the Lower Division.

Upper Division

The objectives for the Upper Division, in addition to the continuation of those in the Lower Division, are:

1. To provide opportunity for the expression and development of creative ability.
2. To permit concentration in the field of the student's special interest and ability.
3. To give opportunity for vocational and professional preparation.
4. To provide a general college education for students who plan no further formal education.
5. To encourage students to continue their own education and to relate their knowledge and training to life—or to living.

Majors

Students gaining admission to the Upper Division may select a major from the following fields: Biology, chemistry, inter-departmental science (natural science and pre-medical), education, English language and literature, modern language and literature, classical language and literature, history, mathematics, music (applied music and musical theory), psychology, sociology and economics, and speech.

Each department has its special requirements to which sufficient electives are added to complete the requisite number of hours for graduation. Students following the departmental major must select at least 12 semester hours of their major work from Upper Division Courses. Major requirements are listed at the beginning of the course offerings in each department.

Liberal Arts Major

Provision is made for a Liberal Arts Major. This major is offered for the student who does not plan to pursue graduate study. It cuts across departmental lines, making possible many combinations of courses. The Liberal Arts Majors will be under the supervision of an Advisory Committee, consisting of the Dean as Chairman, and one faculty member chosen from each of the four groups.

Each Liberal Arts Major must present a definite course pattern for approval by the faculty committee in charge of these majors, at the close of the sophomore year, and must select thirty semester hours from courses numbered over 100.

SUGGESTED PROGRAMS FOR THE LIBERAL ARTS MAJOR: A major in the following fields may be built up from a combination of subjects selected from those listed under each heading. Selection should be made with reference to the student's interests and objectives.

1. *Modern Community.* Contemporary history, economics, sociology, psychology, consumers' problems, child welfare, eugenics and euthenics, hygiene, genetics, contemporary art, religion, contemporary British and American poetry, music, art, etc.
2. *American Civilization.* American government, U. S. history, political science, sociology, labor problems, economics, the family, eugenics and euthenics, hygiene, psychology, music, art, American literature, etc.
3. *Home Making.* Family, child psychology, genetics, eugenics and euthenics, hygiene, mental hygiene, chemistry, descriptive physics, bacteriology, educational psychology, consumers' problems, music, art, mathematics of finance, etc.
4. *Comparative Literature.* English, French, German, Spanish, Italian literature.

Other combinations may be arranged to suit interests of the particular student involved.

Honors Work

A system of honors work provides an opportunity for individual study for the exceptional student.

Governing Board

The governing board of the system of honors work, called the *Committee on Honors Work*, consists of four members from the faculty, representing the four curriculum groups, who are appointed by the President and the Dean, both of whom are members of the Committee.

Students Eligible for Honors Work

Honors work is permitted only to students who have shown themselves to be capable of individual and intensive work, and who have also attained high academic rating. The field of honors work is defined as broadly as possible, so that the student may read in subjects related to her major subject. It is not considered research work.

In general, not more than ten per cent of any class can be eligible for honors work. It may happen in a certain year that there will be no students in a given field who will qualify for the work; in other years there may be more than one. The only basis for selecting students is ability plus achievement.

Selection of students who shall do honors work is based on one of the following plans:

1. A student may be recommended by a majority of the members of the faculty with whom she has had class work.
2. A student may apply for honors work on her own initiative, in which case the recommendation of the majority of the members of the faculty with whom she has previously worked must be obtained by the Committee before she is eligible to be considered.

One of the standards by means of which decision shall be made shall be a scholastic aptitude test.

The Committee has the sole power to decide on the qualifications of the student on the basis of her record, the recommendations of her teachers, and the scholastic aptitude test. In the event that a student is voted by the Committee eligible for honors work, she is notified to that effect. She may or may not choose to do honors work.

Procedure for Honors Work

Honors work is confined to the senior year, with six hours of credit a semester for the work. Recommendations are made to the Committee by members of the faculty on the basis of the first three years' work of the student concerned. Having decided to do honors work, the student chooses from the faculty, with the approval of the Committee, the person she wishes to direct her work. This person has charge of the program of the student, again with the approval of the Committee, and meets the student at least once a week for conference during the time she is doing honors work. Other members of the faculty than the director may be asked, by the student herself if she so desires, to give information or aid in such subjects as may seem significant to the project undertaken.

The student doing honors work is required to do nine credit hours a semester of class work during the time she is doing honors work. That is, she is allowed six credit hours a semester for her honors work

Special Commencement Honors

The student who has completed honors work, submitted a satisfactory paper, and passed a comprehensive examination covering the subject matter of her field of study, is eligible for special Commencement honors.

General Commencement Honors

Three classes of general honors—Summa Cum Laude, Magna Cum Laude, and Cum Laude—are awarded to those members of the graduating class whose grades are sufficiently high. Only those students are eligible for General Commencement Honors who have passed comprehensive examinations in May, and have taken the seminar provided for such students. The comprehensive examination is the same as given to the students reading for special honors.

Sophomore Honors

Honors are awarded at the end of the sophomore year to the ten members of that class having the highest average in the work of the first two years.

Academic Regulations

The Degree of Bachelor of Arts

STUDENTS are recommended for the degree of Bachelor of Arts upon the satisfactory completion of one hundred and twenty semester hours of academic work, together with eight hours in Physical Education and Hygiene. The usual schedule consists of fifteen hours for each semester exclusive of the requirement in Physical Education.

A certain quality grade is required for graduation and, for the purpose of determining this quality grade, numerical values called "points" are given to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point. In order to be recommended for the degree of Bachelor of Arts a student must have a cumulative average of C for her one hundred and twenty hours. Students who do not have a cumulative average of C at the end of the third year will be advised not to enter the senior class.

The Degree of Bachelor of Science

Students are recommended for the degree of Bachelor of Science upon the satisfactory completion of the five-year nursing course.

Conditions and Failures

A student who receives a condition in any subject at the end of the semester may remove this condition by prescribed work and re-examination at the time set for special examinations in the spring or in the fall, or by the repetition of the course when next regularly given.

A student failing in the work of any course must repeat the course when next regularly given, or must take other work which requires the same number of hours; the course thus taken must conform to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

Students who are conditioned in two courses at the end of a semester will be placed on probation for the following semester. If the stu-

dent shows marked improvement during the period of probation she becomes again a regular student at the end of that period; otherwise she loses class standing, but may continue with the work of the Lower Division by permission of the Scholarship Committee.

A student who is deficient in more than six hours of the required number of hours loses class standing at the end of the year and becomes unclassified until such time as this deficiency shall have been removed.

Any required work unavoidably omitted or not completed at the time when it is regularly scheduled must be taken the following year unless an exception is made by the Scholarship Committee.

Credit may not be given for one semester of a year course except by permission of the Dean and the instructor concerned.

Any student whose scholarship is generally unsatisfactory may be brought before the faculty for action and excluded from college.

Instructors will use all reasonable means to inform a student of her liability to fail in a course, but the student must not regard the absence of such notification as a claim to exemption from a failure.

Reports and Grades

The letters A, B, C, D, E and F are used to designate academic standing. These grades have the following significance: A superior; B, good; C, fair; D, passing; E, condition; and F, failure.

Reports will be sent to parents or guardians at the close of each semester during the freshman and sophomore years. Juniors and seniors may receive their grades from the Recorder on request.

Attendance at College Classes

Students having an average of B for the preceding college year are placed on the Dean's List, and are allowed unlimited cuts from classes. It is hoped that this will make for better scholarship and greater academic freedom for good students.

Each student, except those on the Dean's List, is expected to attend all scheduled meetings of her classes. However, to provide for certain emergencies, the following regulations with regard to absences from classes have been adopted by the Faculty:

Students will be allowed as many unexcused absences each semester in a course as there are hours of recitation a week in that course—

for example, a three-hour course may have three unexcused absences through the semester. This rule does not apply to laboratory work which must be completed to receive credit in the course.

One unexcused absence in any course over the number allowed, unless an exception is made by the Dean, will debar the student from the final examination at the time scheduled. She may take the examination during the period set aside for re-examinations. Two unexcused absences in any course automatically remove the student from that course.

The matter of excused absences will be handled by the Scholarship Committee and the faculty members involved in each case. This group will decide whether a student has missed so much work through illness that she must drop the course.

Unexcused absences twenty-four hours before and twenty-four hours after the following vacations shall count as two absences in each course missed: Thanksgiving vacation, Christmas vacation, between semesters, spring vacation, and the last meeting of the classes for each semester.

Examinations

Examinations are given at the end of each semester. In case of absence from a regular examination, unless the reason for absence is illness, or unless the absence has been previously excused by the Dean, a student may not take the examination until the time set for special examinations in the spring or in the fall, and she will be charged a fee of \$2 for such examination.

Election of Courses

Election of courses for the following year is made in the first week of May. Changes may be made during the first two weeks of each semester, by permission of the Dean and departmental adviser. Changes made at any other time necessitate a special petition to the same authorities and the payment of a fee of \$1.

Summer Courses

Students wishing to do work during the summer in order to gain college credit must secure in advance the consent of the Dean and the department concerned.

Courses of Instruction

THE departments of instruction are arranged in alphabetical order of their titles. Courses in the Lower Division are indicated by numbers under 100; those in the Upper Division by numbers over 100.

Courses listed with two numbers—as English 1-2, Art 5-6—are year courses, and credit is not given for one semester only of such courses except with special permission of the Dean and the instructor.

The college reserves the right to withdraw any course which is not elected by at least six students.

Art

NITA L. BUTLER, Ph.D., Professor

OLIVE O. HARRIS, M.Ed. }
SAMUEL ROSENBERG, A.B. } Instructors

1. HISTORY AND APPRECIATION OF ART. Outline of the development of art in Italy, the North, and Spain through the Renaissance. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1941-1942. Miss Butler.

2. HISTORY AND APPRECIATION OF ART. Outline of the development of architecture, and painting in France, England, and America up to the present day, and in other countries from the Renaissance on. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1941-1942. Miss Butler.

3-4. ARTS AND CRAFTS IN THE ELEMENTARY SCHOOL. A course designed to give students practical experience in the arts and crafts usually taught in the elementary school and summer camps. Acquaints the student with various materials and their range of possibilities in activities involving construction, drawing, design and color. Lectures and laboratory work. First semester (2), Second semester (2). Mrs. Harris. Given in alternate years. Offered 1942-1943.

5-6. DRAWING. Basic course, giving fundamentals in drawing from still life, cast, human figure. Acquaints the student with the various media, such as charcoal, pencil, water-color, oil, and tempera. First

semester (2), second semester (2). Mr. Rosenberg. An additional fee is charged for this course.

101. MODERN EUROPEAN ART (1800-1939). Development traced mainly in painting in France, but contributions of other countries will also be studied, together with analogous developments in sculpture and architecture. Prerequisite: Art 1 and 2. First semester (2). Given in alternate years; offered 1942-1943.

102. ART IN AMERICA. Survey of the development of American architecture, sculpture, and painting from colonial days to the present. Prerequisite; Art 1 and 2. Second semester (2). Given in alternate years; offered 1942-1943.

103-104. DRAWING. Application of material in Drawing 5-6 to composition and design. Continued sketching from figure with particular emphasis on the development of visual memory. First semester (2), second semester (2). Mr. Rosenberg. Prerequisite: Drawing 5-6 or its equivalent. An additional fee is charged for this course.

Note: Art 1 and 2 must be taken in order to receive credit for Drawing.

Astronomy

(See Physical Sciences)

Biology

PHYLLIS C. MARTIN, Ph.D., Assistant Professor

MARGARET KAEISER, Ph.D., Instructor.

MARGARET T. DOUTT, Ph.D., Lecturer

Students majoring in biology will be expected to take in

Biology: A minimum of four year-courses in the biological sciences, to be chosen in consultation with the head of the department; two years of the biology seminar.

Other sciences: Two year-courses, the choice dependent upon the particular field of biology chosen.

French and German: A reading knowledge is recommended.

1-2. GENERAL BIOLOGY. Studies in the structure, physiology, ecology, and heredity of animals and plants; the principal phyla with reference to their classification, evolutionary significance, and human relationships. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3), second semester (3). MRS. MARTIN, MISS KAEISER.

Biology 1 and 2 fulfill the science requirement.

3. Hygiene. A study of personal and community hygiene, including anatomy, physiology, and hygiene of the human body, communicable diseases, first aid, and community and public health problems. Three lectures, two hours of laboratory work each week. Prerequisite: Biology 1 and 2. First semester (3). MRS. MARTIN.

4. NATURE STUDY. A study of the plants and animals of western Pennsylvania in relation to their environment, including their collection and identification. Two lectures, two hours of laboratory, and one four-hour field trip each week. Prerequisite: Biology 1 and 2. Second semester (3). MRS. MARTIN.

101. INVERTEBRATE ZOOLOGY. A study of representative invertebrate animals with consideration of the fundamental principles of biology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1941-1942. MISS KAEISER.

102. VERTEBRATE ZOOLOGY. Dissection of the cat combined with discussion of physiology and comparative anatomy. Prerequisite: Biology

1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1941-1942. MISS KAEISER.

103. BOTANY. Field and laboratory studies in the structure and identification of the Algae, Fungi, and Mosses. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1941-1942. MRS. MARTIN and MRS. DOUTT.

104. BOTANY. Study of the structure and classification of the ferns and seed plants, with field work on the local flora. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1941-1942. MRS. MARTIN and MRS. DOUTT.

105-106. GENERAL BACTERIOLOGY. The characteristics of yeasts, molds, and bacteria, with emphasis on methods of laboratory technique and identification of bacteria. Second semester: A study of the bacteria in air, water, soil, food, and disease, with their relation to human welfare. Prerequisite: Biology 1 and 2 and Chemistry 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4), second semester (4). MRS. DOUTT.

107-108. HISTOLOGY. Training in histological theory and technique in the study of animal and plant material. Prerequisite: Biology 1 and 2. Biology 101-102, or Biology 103-104 recommended. Two lectures and four hours of laboratory each week. First semester (4), second semester (4). Given in alternate years; offered 1941-1942. MISS KAEISER.

109. EVOLUTION AND HEREDITY. Study of the facts and theories of evolution, heredity, and cytology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory each week. First semester (4). Given in alternate years; offered 1942-1943.

110. EMBRYOLOGY. A study of the embryological development of animals. Prerequisite: Biology 1 and 2. Biology 102 and Biology 109 recommended. Two lectures and four hours of laboratory each week. Second semester (4). Given in alternate years; offered 1942-1943.

112. EUGENICS AND EUTHENICS. Lectures and discussions covering the problems of marriage in relation to the individual and to the race. Open only to juniors and seniors. Three lectures each week. Second semester (3). MRS. DOUTT.

113-114. SPECIAL STUDIES. Open to students who wish to do advanced work in certain fields. First and second semester. Credits to be arranged. MRS. DOUTT, MRS. MARTIN, MISS KAEISER.

115-116. BIOLOGY SEMINAR. A co-ordinating course in preparation for the senior comprehensive examination in biology. Required of juniors and seniors majoring in biology. One hour each week. First semester (1), second semester (1). Biology faculty.

Interdepartmental Majors

In addition to fulfilling the general requirements for graduation, the student must complete one of the programs stipulated below.

A. NATURAL SCIENCE MAJOR. This major is recommended for students preparing to teach science in secondary schools. The science requirements are:

1. Two years each of two of the following sciences: botany, chemistry, physics, and zoology.
2. One year each of the two required sciences not so elected.
3. Biology or Chemistry seminar.

B. PREMEDICAL MAJOR. Students who wish to prepare to enter medical school will elect this major. The courses listed below are based on the requirements of medical schools of the highest rating: Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 102.

The student must further elect such courses as are requested by the particular medical school which she desires to enter. For this reason it is imperative that she make such a choice before her junior year.

Cooperative Course in Nursing Education

Pennsylvania College for Women conducts a cooperative course in nursing education with the Allegheny General Hospital of Pittsburgh, to help meet the increasing demand for well educated women for positions of responsibility in the field of nursing and health. During the first year, the student enrolls at Pennsylvania College for Women for courses in English, history, physics, biology, and a language, and physical education. Following the freshman year, during July and August, she attends a two-month course at the School of

Nursing of the Allegheny General Hospital in order to gain some professional background. This two-month course will also give the hospital an opportunity to determine the student's qualifications for nursing.

During the second year at the Pennsylvania College for Women, the student takes courses in psychology, chemistry, and sociology in addition to continuing with biology, physical education, and a language. Following this year, during July and August, she attends another two-month course at the School of Nursing of the Allegheny General Hospital.

The student spends the third and fourth years of the course in the School of Nursing of the Allegheny General Hospital, studying the art and science of nursing and gaining well-rounded clinical experience.

For the fifth year at the College, the student's program includes history, hygiene, child welfare, speech, education or economics, and English literature. At the end of the five year course the student receives a diploma in nursing from the School of Nursing and a Bachelor of Science degree from Pennsylvania College for Women.

Chemistry

(See Physical Sciences)

Economics

(See Sociology and Econon

Education

JAMES S. KINDER, Ph.D., Professor

HAROLD L. HOLBROOK, Ph.D., Director of Adjustment Institute

OLIVE O. HARRIS, M.Ed., Instructor

Students majoring in education are expected to take in

Education: A minimum of twenty-four semester hours, including Education 1-2, 3-4, and 101-102.

Psychology: Psychology 1-2, and 101-102.

Other fields: Students preparing to teach in secondary schools should select at least eighteen hours from each of two academic fields.

1. INTRODUCTION TO EDUCATION. A reading and discussion course of the principles, ideals, and practices in the American public school

system. Prerequisite or co-requisite: Psychology 1. First semester (3). MR. KINDER.

2. INTRODUCTION TO TEACHING IN SECONDARY SCHOOLS. A study of the secondary school with emphasis upon methods of teaching and classroom procedure. Second semester (3). MR. KINDER.

3-4. ELEMENTARY EDUCATION.

- (a) Teaching arithmetic: The application of principles to the teaching of arithmetic. (2)
- (b) Teaching reading: The application of principles of teaching and learning in the basic arts of communication. Emphasis on experience as the approach. Recommended for secondary and elementary school teachers. (2)
- (c) Teaching the social studies: Application of principles of teaching and learning in the field of the social studies. Discussion and evaluation of recent courses of study. The use of local resources and excursions (2). Given in alternate years; offered 1941-1942. MRS. HARRIS.

5. TEACHING AND LEARNING IN THE ELEMENTARY SCHOOL: An analysis of the educative process. Emphasis upon education of the "whole child" and other principles of progressive practice. One semester (2). Given in alternate years; offered 1942-1943.

7-8. SURVEY OF EDUCATIONAL THOUGHT. (A Reading Course) Education as a means of individual and social improvement. Origin of modern problems, practices, and educational institutions. Contributions of the various nations; relationship between the political and educational development. Conference method. By special arrangement with instructor. Limited to six students. First semester (3), or second semester (3). MR. KINDER.

101. OBSERVATION AND PRACTICE TEACHING. During the first semester, the student serves each day as teaching assistant in her elected major, in one of the available nearby public schools, at first only preparing the regular class assignments and assisting in minor teaching details, later working into the routine of marking tests and daily written work, helping individual pupils and groups of pupils with extra work, and finally, after some two or three weeks of observation, teaching the class. The student follows the line set forth by the regular teacher, and is directly under the college supervisor. In addition, the student participates in scheduled conferences at the College with the supervisor. Prerequisites: Education 1 and Psychol-

ogy 2. Specific permission must be obtained in order to register for this course, and registrants are not permitted to carry more than fifteen hours of college credit. First semester (9). MR. KINDER.

102. EDUCATIONAL TESTS AND MEASUREMENTS. The history and development of educational measurement. Emphasis on giving tests and on analysis and interpretation of results. A consideration of means of improving ordinary classroom tests. Prerequisite: Education 1. Second semester (3). Given in alternate years; offered 1941-1942. MR. KINDER.

104. SCHOOL ADMINISTRATION AND SUPERVISION. Analysis of the problems of the administrator and the supervisor in the modern school system. Plan of federal, state, and local educational agencies stressed. Visits will be made to a number of selected schools. Second semester (3). Given in alternate years; offered 1941-1942. MR. KINDER.

106. EDUCATIONAL SOCIOLOGY. A sociological consideration of schools and education: aims, curriculum, method. Recitations, lectures, reports. Second semester (3). Given in alternate years; offered 1942-1943.

108. OBSERVATION OF TEACHING. Designed for elementary teachers. Object is to acquaint students with school routine before student teaching is begun, and to assure a more extended contact with children. The observations will be correlated with assigned readings and followed by conferences. Open to juniors. Second semester (1). MR. KINDER.

110. VISUAL-SENSORY AIDS. The place of visual and other sensory aids in the learning process. The State course of study will be followed. Topics: research; historical background; verbalism; projectors, still and motion pictures; school journeys; object-specimen-models; museum procedure; pictorial materials; photography; blackboard-bulletin board techniques; radio-vision; bibliography. Two lectures and two hours of laboratory work each week. Occasional trips. Second semester (3). MR. KINDER, MR. SPENCER.

111-112. SEMINAR IN EDUCATION. Readings, investigation, and forum discussion of topics in education and psychology, with emphasis on current research. Open to advanced students in education and psychology. First semester (1), second semester (1). EDUCATION FACULTY.

113-114. MENTAL HYGIENE. Lectures, group discussions, supplementary reading, and personal application of mental hygiene under

rational controlled conditions. The general plan of the course will include the meaning of the field of mental hygiene, behavior from hygiene point of view, disturbances, biological foundations of mental hygiene, personality variations, the home, the school, and the career. First semester (2), second semester (2). MR. HOLBROOK.

Requirements for Recommendation for State Certification

Students are recommended to any state for secondary school certification when they satisfactorily complete the specific requirements of that state, with all requirements for the bachelor's degree. Students are recommended for certification for elementary school teaching when they have completed the elementary curriculum, and satisfied the requirements for the bachelor's degree.

In the state of Pennsylvania the minimum education requirements for the college provisional certificate for secondary school teaching are: Psychology 2, Education 1 and 101, with six other semester hours in education, including special methods courses (not to exceed three hours), a total of eighteen semester hours. In addition it is necessary to have completed at least eighteen semester hours in each subject in which the student wishes to be certified to teach.

Students interested in teaching in the elementary school should consult the head of the Department of Education during the freshman year. Certification for the elementary school necessitates the completion of the special elementary curriculum. Students interested in the teaching of music should consult the head of the music department during the freshman year.

English Composition and Literature

CARL W. DOXSEE, Ph.D., Professor	
MARY I. SHAMBURGER, A.M.	} Assistant Professors
HAZEL COLE SHUPP, Ph.D.	
VIVIAN M. RAND, A.M., Instructor	

English 1-2 is required of all freshmen, except in certain cases in which admission to English 3-4 is permitted, at the discretion of the department, to freshmen whose preparatory work in English has been of especially high quality.

Students majoring in English will be expected to take a minimum of twenty-four hours in the department, exclusive of English 1-2, which is not to be considered part of the major. For English majors,

English 5-6 is prerequisite to all advanced courses in English literature. Eighteen hours shall be in the Upper Division and shall include at least two courses in English literature. Courses in the Upper Division are arranged in groups. English majors must elect one course from each of Groups A, B, and C. A course in Group D is recommended, together with courses from the fields of history, language, philosophy according to the interest of the student. Election is to be made only upon consultation with the head of the department.

Group A. Middle English Literature and Chaucer
Shakespeare
Milton and the Seventeenth Century

Group B. Eighteenth Century Literature
History of the Drama
History of the Novel
Victorian Literature
The Romantic Movement in English Poetry

Group C. General Writing Course
Creative Writing
Journalism

Group D. Contemporary Poetry
American Literature
Reading Course in Contemporary Thought

1-2. FRESHMAN ENGLISH. The purpose of the course is to teach clear and correct expression in writing. Reading of various types of literature to stimulate thought and to furnish examples of craftsmanship. Writing of themes, short and long, on subjects of personal experience, explanation of ideas, and critical comment. First semester (3), second semester (3). MISS SHAMBURGER, MRS. RAND.

Students who do not make at least a grade of C in this course must carry three additional semester hours of English composition during the sophomore year.

3-4. GENERAL WRITING COURSE. Designed for those who need or desire further practical writing than that furnished by English 1-2. Various types of writing accompanied by wide reading. Recommended in most cases as preparation for advanced writing courses. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MRS. SHUPP.

5-6. INTRODUCTION TO ENGLISH LITERATURE. Readings and lectures on the history of English Literature, with classroom discussion of representative works illustrative of different periods and types.

Primarily for sophomores; open to freshmen. First semester (3), second semester (3). MR. DOXSEE, MRS. RAND.

103-104. CREATIVE WRITING. Experimentation with various types of original composition such as the short story, the personal essay, and the tale. Intensive practice in the type of writing best suited to the ability and preference of each student. Conferences and class criticism. First semester (3), second semester (3). MRS. SHUPP.

105-106. SEMINAR IN CREATIVE WRITING. Open to not more than five advanced students who have shown special aptitude for original writing. The instructor's permission is necessary. Credits and hours to be arranged. MRS. SHUPP.

107-108. JOURNALISM. The theory and technique of newspaper writing. Students who are reporters, feature and copy writers, proof readers, etc., for the *Arrow* may present their work for the paper as part of the class work in journalism, for which they will receive credit. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

109-110. VICTORIAN LITERATURE. Victorian thought as reflected through the work of leading writers: Carlyle, Ruskin, Arnold, Huxley, Tennyson, Browning, Morris, and Swinburne. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

111-112. THE ROMANTIC MOVEMENT IN ENGLISH POETRY. Wordsworth, Coleridge, Byron, Shelley, Keats, with special attention to the intellectual, political, and social movements of the time. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MR. DOXSEE.

113-114. THE HISTORY OF THE ENGLISH DRAMA. A survey of the development of the drama from its origin to the present day. The Elizabethan drama and contemporary tendencies are emphasized. Extensive readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

115-116. THE NOVEL. Studies in the development of English fiction. Assigned readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MR. DOXSEE.

117-118. MIDDLE ENGLISH LITERATURE AND CHAUCER. In the first semester representative epics, ballads, and romances of mediaeval times are studied. In the second semester, selected readings from the works

of Chaucer, lectures on his life, his contemporaries, and immediate successors in English literature. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

119-120. INTRODUCTION TO AMERICAN LITERATURE. A general survey of American literature from colonial times to the present day. Assigned readings, lectures, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MISS SHAMBURGER.

121-122. CONTEMPORARY BRITISH AND AMERICAN POETRY. Comprehensive reading, informal discussion, and reports. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

123-124. EIGHTEENTH CENTURY LITERATURE. A study of the temper, prevailing ideas, manners, and customs of the neo-classical period as shown in the work of its eminent writers; and of the emergence of social and humanitarian principles in the literature of the latter part of the century. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

125-126. MILTON AND THE SEVENTEENTH CENTURY. This course deals with the social, political, and philosophical aspects of the seventeenth century, as well as with its literature. The first semester will be chiefly a reading course in the minor poets of the century; the second semester will be devoted to a study of Milton. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

127-128. READING COURSE IN CONTEMPORARY THOUGHT. Readings in contemporary prose in such fields as biography, social criticism, religion, politics, and the like. Conferences and reports. First semester (3), second semester (3). The group will be limited to ten and election can be made only after consultation with the instructor. Given in alternate years; offered 1941-1942.

129-130. SHAKESPEARE. Intensive study of selected plays. Background and criticism. Special consideration of methods of presenting plays which will be helpful for students who are planning to teach in secondary schools. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MRS. SHUPP.

131-132. A coordinating course in preparation for the senior comprehensive in English. First semester (1), second semester (1). English faculty.

French Language and Literature

MARION GRIGGS, Ph.D., Assistant Professor

MARGUERITE MAINSSONNAT OWENS, M.A., Assistant Professor.

For information about the reading test see Foreign Languages, (p. 19). Students majoring in modern languages will be required to take in

MODERN LANGUAGE: A minimum of four year-courses in the language chosen as the major language.

OTHER FIELDS: General requirements for graduation (see page 24), and courses in history, English literature, economics, psychology or philosophy. A second language is recommended. The head of the department should be consulted before elections are made.

1-2. **ELEMENTARY FRENCH.** Designed for students who are beginning the study of French or whose previous preparation is felt to be inadequate. Pronunciation, elements of grammar, vocabulary assimilation, oral and aural drill, with emphasis on acquisition of reading ability. First semester (3), second semester (3). MISS GRIGGS.

3-4. **INTERMEDIATE FRENCH.** Designed for students who wish to develop the ability to read French and for those who wish to continue the study of French. Oral and aural work, vocabulary acquisition, review of the fundamentals of grammar, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS.

5-6. **AN INTRODUCTION TO FRANCE.** Geographical and historical background. Great steps in French civilization leading to modern time. The people and the institutions. Illustrative reading in French and English. First semester (3), second semester (3). MRS. OWENS.

107-108. **LITERATURE OF THE SEVENTEENTH CENTURY.** Literary and social aspects of the seventeenth century. Special emphasis on Corneille, Racine and Moliere. Prerequisite: French 3-4 or 5-6 or equivalent. First semester (3), second semester (3). MISS GRIGGS.

109-110. **LITERATURE OF THE EIGHTEENTH CENTURY.** Literary and social aspects of the eighteenth century. Special emphasis on the philosophers. Collateral readings and reports. Prerequisite: French 5-6 or 107-108. First semester (3), second semester (3). MRS. OWENS.

111-112. **LITERATURE OF THE NINETEENTH CENTURY.** Literary and social aspects of the nineteenth century. Critical study of repre-

sentative writers. Poetry, drama, novel, and criticism. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MRS. OWENS.

115-116. THE MODERN NOVEL. Development and tendencies. Extensive readings in French, oral reports in French. Special emphasis on Proust, Gide, Jules Romains and other post-war novelists. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

118. THE TEACHING OF FRENCH. For students who wish to be recommended to teach. The first few weeks deal with language teaching in general and may be audited by students of any foreign language. The remainder of the time is devoted to special problems in teaching French. Prerequisite: French 107-108. Second semester (2). MRS. OWENS.

119-120. CONVERSATION. Prerequisite: French 5-6 or 107-108. First semester (2), second semester (2). MRS. OWENS.

121-122. ADVANCED COMPOSITION. Advanced composition and grammar review. Prerequisite: French 5-6 or 107-108. First semester (2), second semester (2). MRS. OWENS.

123. PRACTICAL PHONETICS IN FRENCH. An analytical and comparative study of French sounds with special attention to American defects in French speech and method of correcting such defects. Offered to all students, required of majors, and recommended to minors. First semester (1). MRS. OWENS.

125-126. A co-ordinating course in preparation for the senior comprehensive in French. First semester (1), second semester (1). French faculty.

Geology and Geography

(See Physical Sciences)

German Language and Literature

ELIZABETH PIEL, Ph.D., Assistant Professor

For the requirements for a major in modern languages, see page 39.

For information about the reading test, see Foreign Languages, p. 19.

1-2. ELEMENTARY GERMAN. Fundamentals of German grammar, introduction to reading, composition, and conversation. Open to students who do not present German at entrance. First semester (3), second semester (3).

3-4. **INTERMEDIATE GERMAN.** Review and continued study of grammar, and its application in composition. Reading of modern German literature. Prerequisite: German 1-2. First semester (3), second semester (3).

S3-S4. **SCIENTIFIC GERMAN.** Reading in scientific German, with assigned readings in the student's major field. Written and oral reports. Prerequisite: German 1-2. First semester (3), second semester (3).

105-106. **CLASSICAL PERIOD IN GERMAN LITERATURE.** A survey of German literature from its beginnings to the present day, with special emphasis given to the Classical Period. A critical study of Lessing, Goethe, and Schiller. Reading of plays. Reports. Prerequisite: German 3-4. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

107. **ROMANTIC PERIOD OF GERMAN LITERATURE.** Readings, reports and discussions. Prerequisite: German 3-4. First semester (3). Given in alternate years; offered 1941-1942.

108. **MODERN GERMAN LITERATURE.** Readings, reports, and discussions. Prerequisite: German 3-4. Second semester (3). Given in alternate years; offered 1941-1942.

109-110. **ADVANCED GERMAN.** Composition and conversation. Review of grammar; composition based on assigned topics. Discussions in German. Prerequisite: German 3-4. First semester (2), second semester (2).

Greek Language and Literature

NITA L. BUTLER, Ph.D., Professor

Requirements for students majoring in the classics are stated in connection with the requirements of the Latin Department.

1-2. **ELEMENTARY GREEK.** Grammar, composition. Xenophon: Selections from the Anabasis or the Memorabilia. Open to all students. First semester (3), second semester (3). Omitted 1941-1942.

3-4. **CLASSICAL CIVILIZATION.** A survey of the life and thought of the Greeks and Romans based upon the literature of the classical period. Open to all students. A knowledge of the classical languages is not required. First semester (3), second semester (3).

101-102. **ELEMENTARY GREEK.** Designed to meet the needs of those who wish only an introduction to the language. First semester (1), second semester (1). Given in alternate years; offered 1941-1942.

History and Political Science

ANNA L. EVANS, Ph.D., Professor

LABERTA DYSART, A.M. } Assistant Professors
EFFIE L. WALKER, A.M. }

Students majoring in history and political science will be expected to take in

HISTORY: Twenty-four hours, including History 1-2, and twelve additional hours either in history or in approved courses in the social sciences, or in correlated subjects such as the history of philosophy, the selection depending chiefly upon previous preparation and end in view.

OTHER FIELDS: A reading knowledge of both French and German is strongly recommended.

EARLY EUROPEAN HISTORY

1-2. **HISTORY OF WESTERN CIVILIZATION.** A survey of cultural developments from the beginning of civilization to the present day. Prerequisite for majors in history unless excused by the head of the department. First semester (3), second semester (3). MISS EVANS, MISS DYSART.

103. **HISTORY OF THE ANCIENT ORIENT AND THE GREEK STATES.** A study of the origin and development of civilization in the ancient Near East, followed by a survey of political, economic, and cultural developments among the Greeks. Prerequisite: History 1-2. First semester (3). MISS DYSART.

104. **HISTORY OF ROME TO 476 A.D.** A study of the rise of Rome to a world power and the decline of that power; economic and social problems, and cultural developments in the Roman state. Prerequisite: History 1-2. Second semester (3). MISS DYSART.

105-106. **MEDIAEVAL AND EARLY MODERN EUROPEAN HISTORY.** A survey of the leading political, intellectual, social, and economic movements from the Decline of the Roman Empire to 1789. Prerequisite: History 1-2. First semester (3), second semester (3). MISS DYSART.

107-108. **THE RENAISSANCE AND THE REFORMATION.** The Renaissance in the fourteenth, fifteenth, and sixteenth centuries, with special reference to Italy and to the literature of the period. The period of the Protestant Revolt. Prerequisite: History 1-2. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

MODERN EUROPEAN HISTORY

109-110. HISTORY OF ENGLAND AND GREAT BRITAIN. The political, social, and economic history of England, from the Tudors to the present time. Not open to freshmen. First semester (3), second semester (3). MISS EVANS.

111-112. FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD. The conditions of France from the 15th century to 1789. The progress and results of the Revolution and its constitutional phases. The rise of Napoleon with the constitutional and dynamic changes and the permanent results of the period. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

113-114. HISTORY OF RUSSIA. Russian internal developments from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MISS EVANS.

115. EUROPE SINCE 1815. The political, social, and cultural history of Europe from the fall of Napoleon to 1870. Prerequisite: History 1-2 except with the permission of the instructor. First semester (3). MISS EVANS.

116. EUROPE SINCE 1870. Political and social reform; cultural, scientific, and economic movements; the expansion of Europe; the World War and the countries after the War. Prerequisite: History 1-2 except with the permission of the instructor. Second semester (3). MISS EVANS.

117. SEMINAR IN MODERN EUROPEAN HISTORY. The development of nationalism. Open to history majors and to others by special permission. Second semester (2) or (3). MISS EVANS.

118-119. A coordinating course in preparation for the senior comprehensive in history. First semester (1), second semester (1). History faculty.

AMERICAN HISTORY

119-120. HISTORY OF THE UNITED STATES. A general survey of the colonial and national history of the United States. Prerequisite: History 1-2, except with permission of the instructor. First semester (3), second semester (3). MISS WALKER.

121-122. THE HISTORY OF LATIN AMERICA. A general course dealing with the aboriginal background, the colonial origins, and the na-

tional development of the Latin-American states, with emphasis on the relations of the U. S. with the region. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered in 1941-1942. MISS WALKER.

Political Science

3-4. AMERICAN GOVERNMENT. A general survey of American government—national, state, and local. First semester (3), second semester (3). MISS WALKER.

123-124. COMPARATIVE GOVERNMENT. A comparative study of the government of the United States, the parliamentary democracies of Great Britain and France, and the dictatorial régimes of Fascist Italy, National Socialist Germany, and the Soviet Union. Open to sophomore, juniors, and seniors. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MISS SHIELDS.

Italian Language and Literature

NITA L. BUTLER, Ph.D., Professor

1-2. ELEMENTARY ITALIAN. Study of the fundamentals of grammar. Reading of simple texts dealing with Italian civilization. Conversation based upon texts read. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

3-4. INTERMEDIATE ITALIAN. Reading of modern Italian literature and of selected comedies of Goldoni. Continued study of syntax, composition, and conversation. Prerequisite: Italian 1-2 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

Latin Language and Literature

NITA L. BUTLER, Ph.D., Professor

Students majoring in Latin will be expected to elect courses in Latin and/or Greek in appropriate sequence under the guidance of the head of the department. The number of such courses will be dependent upon the number of units of Latin presented for entrance. Such students are expected to take Greek 3-4 and one course in Latin composition.

Other fields: History 103-104. A reading knowledge of French and German is strongly recommended.

1-2. CICERO, OVID, LIVY, HORACE. CICERO: selections from the letters, *De Amicitia* or *De Senectute*; or Ovid: *Metamorphoses*. Livy:

selections from books I, XXI. Horace: Odes and Epodes. Open to students who present three or four units of Latin. First semester (3), second semester (3).

3. **PLAUTUS AND TERENCE.** Selected plays. A study of the development of Roman comedy. First semester (3). Given in alternate years; offered 1941-1942.

4. **HORACE: SATIRES AND EPISTLES.** Second semester (3). Given in alternate years; offered 1941-1942.

101. **TACITUS, JUVENAL.** A study of Roman society under the early empire. First semester (3). Given in alternate years; offered 1942-1943.

102. **CATULLUS, TIBULLUS, PROPERTIUS, OVID.** A study of Roman lyric and elegiac poetry with special attention to Greek models. Second semester (3). Given in alternate years; offered 1942-1943.

103. **THE TOPOGRAPHY AND MONUMENTS OF ROME.** Open to all students. First semester (2). Given in alternate years; offered 1941-1942.

104. **PRIVATE LIFE OF THE ROMANS.** Open to all students. Second semester (2). Given in alternate years; offered 1941-1942.

105-106. **LATIN SELECTIONS.** A translation course offering readings from Pliny, Ovid, and Martial, illustrative of Roman mythology, topography, and life. Supplementary to Latin 103-104. First semester (1), second semester (1). Given in alternate years; offered 1941-1942.

107. **TEACHER TRAINING COURSE IN LATIN.** A study of aims and objectives, of methods and textbooks; organization of units of subject matter; rapid reading of authors usually read in secondary schools; exercises in prose composition. First semester (3). Given in alternate years; offered 1942-1943.

Mathematics

HELEN CALKINS, Ph.D., Professor

Students majoring in mathematics will be expected to take in

MATHEMATICS: Courses 1-2, 5-6, 101, 102, 105, 106, or 110.

OTHER FIELDS: Physics and economics.

1-2. **AN INTRODUCTION TO MATHEMATICAL ANALYSIS.** A unified course in the essential concepts of college algebra, trigonometry, and analytical geometry. First semester (3), second semester (3).

3. **ELEMENTARY STATISTICS.** An introduction to the recent methods of statistical analysis and interpretation, with many illustrations taken from the fields of biology, psychology, education and economics; graphic representation; averages; measures of dispersion; skewness; excess; curve fitting; correlation; theory of sampling; index numbers. First semester (3).

4. **MATHEMATICS OF FINANCE.** Compound interest and discount; annuities; amortization and sinking funds; valuation of bonds; depreciation; life insurance. Second semester (3).

5-6. **ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS.** A study of (1) the operations of differentiation and integration of algebraic and ordinary transcendental functions and (2) their applications to geometry and motion. Prerequisite: Mathematics 1-2. First semester (3), second semester (3).

101. **ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS.** A study of the properties of (1) lines and conics in a plane and (2) lines, planes, and quadric surfaces in space. Prerequisite: Mathematics 1-2. First semester (3). Given in alternate years; offered 1941-1942.

102. **THEORY OF EQUATIONS AND DETERMINANTS.** A course based on Dickson's "Theory of Equations." Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1941-1942.

104. **THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL.** A study of (1) the function of mathematics in the junior and senior high school curriculum, and (2) the methods of classroom procedure. Prerequisite: Mathematics 5-6. Second semester (3). Given in alternate years; offered 1942-1943.

105-106. **ADVANCED DIFFERENTIAL AND INTEGRAL CALCULUS.** A continuation of Mathematics 5-6. Prerequisite: Mathematics 5-6. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

110. **COLLEGE GEOMETRY.** A second course in plane Euclidean geometry; geometric constructions; properties of the triangle; the Simson line; transversals; harmonic section; harmonic properties of circles; inversions; recent geometry of the triangle. Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1942-1943.

111-112. A coordinating course in preparation for the senior comprehensive in mathematics. First semester (1), second semester (1).

Music

HELENE WELKER, A.B. }
LILLIE B. HELD, A.M. } Assistant Professors

RALPH LEWANDO }
GERTRUDE NORTHRUP AYARS, Mus.B. }
EARL B. COLLINS, Mus.B. } Instructors

PESCHA KAGAN, Visiting Artist

Students may major either in applied music or in theory of music.

Students majoring in applied music will be expected to take in

MUSIC: The following *minimum* in theory and appreciation courses: Theory 1-2, 3-4, 7-8, 101-102, 103-104, and two additional hours in appreciation plus the *minimum* requirements in the chosen field of applied music which are: for a major in piano, sixteen hours; for an organ or a violin major, fourteen hours in the major and two hours in piano; for a voice major, fourteen hours in voice, two hours in piano, and two years' membership in the chorus. A student doing her major work in applied music will be required to take a minimum of two half-hour lessons a week.

Students majoring in theory will be expected to take in

MUSIC: The following minimum: Theory 1-2, 3-4, 7-8, 101-102, 103-104, plus two additional hours in appreciation; a minimum of eight hours in applied music.

Students majoring in applied music or theory will be advised to take in

OTHER FIELDS: Courses in modern languages, English, history, history of art, psychology, science, and education. Elections are to be made upon consultation with the head of the department.

CREDIT FOR APPLIED MUSIC is based on practice and on theory courses.

One semester credit is given for three hours of practice a week, two semester credits for six hours of practice a week, etc., provided the prescribed theory courses are taken. *To secure credit for applied music, a theory course must accompany each year of applied music study.* Theory 1-2 is required in the freshman year, and Theory 3-4 in the sophomore year of all students taking applied music for credit.

A few competitive scholarships are available in applied music.

Examinations for these will be given in the spring or early in the first semester.

Attendance at recitals is expected of all students in the department.

It is the purpose of the Music Department to give the student a thorough musical training, and also to provide the cultural background desirable for the profession.

The Music Department maintains in addition to the regular college work in music:

1. A Junior Department in *Piano* for children from the age of three. The preliminary work consists of rhythmic training, singing, rote playing, creative work, etc., and is carried on in classes. When the child's sense of pitch and rhythm has been sufficiently developed, he begins the actual piano instruction, which is given in private lessons or in small classes. The work in ear training is continued.
2. A College-Preparatory Department for students of intermediate age (from 14 to college age).
3. An Adult Department for students beyond college age. Private and class lessons in piano, organ, violin, and voice are available to this group. Lessons are scheduled during the day or in the evening.

For charges for the above, see pages 79-80.

Theory

1-2. THEORY. Ear training, sight singing, dictation, keyboard work. The presentation of simple harmonic material. The study of musical elements through aural analysis of representative compositions. Class meets six hours a week. Open to all students. Required of all students in the first year of applied music. First semester (4), second semester (4). MISS HELD, MISS WELKER.

3-4. THEORY. A continuation of Theory 1-2 using more difficult material. Class meets four hours a week. Required of all students in the second year of applied music. Prerequisite: Theory 1-2. First semester (3), second semester (3). MISS HELD, MISS WELKER.

101-102. ADVANCED THEORY. A continuation of Theory 3-4 using more difficult material. Composition. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MISS HELD, MISS WELKER.

103-104. COUNTERPOINT. Counterpoint in two, three, and four parts. Analysis of polyphonic style as exemplified by the masters. Composi-

tion in contrapuntal style. Keyboard work. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

Appreciation

5. The Art of Listening. A course designed to develop intelligent appreciation through the study of musical elements such as rhythm, melody, harmony, tone color, musical texture. Aural analysis of representative compositions. Note: This course is included in Theory 1. Open to all students. First semester (1). MISS HELD.

6. The Art of Listening. Introduction to form. A course designed to develop intelligent appreciation of form in music through aural analysis of compositions played. Note: This course is included in Theory 2. Open to all students. Second semester (1). MISS HELD.

7. SYMPHONIC LITERATURE. A course correlated as far as possible with the series of concerts given during the year by the Pittsburgh Symphony Orchestra, and designed as a background for them. Instruments of the orchestra. The development of the orchestra. A survey of orchestral literature and forms from the seventeenth century to the time of Beethoven. Subscription to symphony concerts urged. Open to all students. First semester (1). MISS HELD.

8. SYMPHONIC LITERATURE. A continuation of 7. A survey of orchestral literature and forms from the time of Beethoven up to the twentieth century. Open to all students. Second semester (1). MISS HELD.

105. SONG. The rise of secular song. A study of folk music and its influence through the years on formal music. Open to all students. Given in alternate years; offered 1941-1942. First semester (1). MISS HELD.

106. ART SONG. The development of the song as an art form. A survey of the literature in the field. Open to all students. Given in alternate years; offered 1941-1942. Second semester (1). MISS HELD.

107. CONTEMPORARY MUSIC. A study of the chief trends in music since 1900. Analysis of works of some of the leading composers of the century. Open to all students. Given in alternate years; offered 1942-1943. First semester (1).

108. AMERICAN MUSIC. A survey of American music from colonial times to the present day with special emphasis on native sources from which composers of this country may draw their inspiration. Open

to all students. Given in alternate years; offered 1942-1943. Second semester (1).

Note: Courses 5, 7, 105 (or 107) may be taken concurrently.

Courses 6, 8, 106 (or 108) may be taken concurrently.

Pianoforte Music from the 17th Through the 20th Century

To inaugurate the new Arts Center, the Pennsylvania College for Women will present Pescha Kagan in a series of recitals, offering a survey of representative pianoforte literature from the works of masters of the 17th century through the present day. The performance of the compositions will be prefaced with analytical discussions of the composers and their works. The programs will include the works of: Couperin, Rameau, Scarlatti, Bach, Haydn, Mozart, Beethoven, Schubert, Schumann, Brahms, Mendelssohn, Chopin, Liszt, Debussy, Ravel, and contemporary composers. One-half credit will be given for the course.

Music Education

109-110. ELEMENTARY SCHOOL MUSIC. Aims and objectives, principles, methods, and materials in the teaching of music in the elementary grades. Designed for students interested in elementary education. First semester (2), second semester (2). Given in alternate years; offered 1941-1942. MISS HELD.

111-112. PRACTICE TEACHING IN THEORY. Opportunity is given to advanced students, when qualified, to assist in teaching Theory 1-2. Observation, conferences. Hours and credits to be determined by individual student's load and the needs of the department. MISS HELD, MISS WELKER. Note: This course has no connection with the Department of Education, and does not satisfy the requirements of practice teaching as set forth by that department for public school majors.

*113-114. TEACHER TRAINING COURSE IN PIANO. Principles of progressive music teaching with special reference to the piano. Special fee. First semester (1), second semester (1). MISS BERNICE AUSTIN.

*115-116. CHURCH CHOIR DIRECTING AND REPERTOIRE. Fundamentals of directing. Study of standard repertoire, including chants, polyphonic, Russian, and modern music. Practice directing. Special fee. First semester (1), second semester (1). MR. COLLINS.

*For special fees for these courses see p. 79.

*Applied Music

PIANO 1-2, 3-4, 101-102, 103-104. The mastery of the essentials of good technique including tone, phrasing, pedaling, etc., combined with the systematic study of representative works from the classical, romantic, and modern schools. Students of all degrees of proficiency are admitted. Instruction is adapted to the needs of the individual. Miss WELKER.

ORGAN 1-2, 3-4, 101-102, 103-104. Training for both professional and cultural purposes; special training for church organists; opportunity for practical application in performance at chapel and vesper services. Open to beginners and advanced students. MR. COLLINS.

VIOLIN 1-2, 3-4, 101-102, 103-104. The violin course embraces a progressive procedure of study adapted to the actual technical and musical needs of the student; the selection of study material and a method of practice conducive to definite achievement in the playing of solo, chamber, and orchestra music of all schools of composition. Students are encouraged to study the viola in order to develop as performers and participants in chamber and orchestral music. MR. LEWANDO.

VOICE 1-2, 3-4, 101-102, 103-104. The comprehensive study of the art of singing for the beginning as well as the advanced student, stressing the liberation of the voice through the correct control of breath and throat; diction, rhythm, and phrasing; repertoire chosen from the classic, romantic, and modern schools to suit the particular talent of each student. MRS. AYARS.

OTHER INSTRUMENTS. Arrangements can be made to study viola, cello, bass viol, flute, clarinet, oboe, and other instruments not specified above. Students who do not have instruments of their own may rent them or buy them on the installment plan from the college.

PIANO, VOICE, VIOLIN, ORGAN CLASS. Classes in the foregoing are available for students who have not the time for the more intensive work required in private lessons. One semester hour's credit is given, provided the work is accompanied by the prescribed theory course.

There are special charges for all the courses listed above. See page 79.

CHORUS. Training in choral singing to the end of greater appreciation. Study of the best music available for women's voices. Emphasis on beauty of tone, diction, phrasing. Attendance required at all functions in which the Chorus has part, including Commencement pro-

*For credit in applied music see p. 47.

grams. Open to all students who pass a simple test. Chorus meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MRS AYARS.

INSTRUMENTAL ENSEMBLE. Training in ensemble playing. The group consists of strings, woodwinds, piano, organ, and various small combinations of these. Open to students who can play some instrument. Ensemble meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MISS HELD.

Note: Students may not elect (except with special permission) more than one of the following courses in the same year:

Chorus

Instrumental Ensemble

Choral Speaking

Philosophy

CARLL W. DOXSEE, Ph.D.

1-2. **THE HISTORY OF PHILOSOPHY.** A survey of the rise and development of philosophic thought in Europe. Readings, discussions, and reports. Open to sophomores, juniors, and seniors. First semester (3), second semester (3). Not offered 1941-1942.

3. **LOGIC.** An introductory study with exercises in application and criticism. Open to sophomores, juniors, and seniors. First semester (3). Given in alternate years; offered 1941-1942.

4. **ETHICS.** An examination of various types of ethical theory together with discussion of characteristic modern ethical problems. Open to sophomores, juniors, and seniors. Second semester (3). Given in alternate years; offered 1941-1942.

Photography

(See Physics)

Physical Education

*HELEN G. ERRETT, A.B., Instructor

ELEANOR GRAHAM, M.Ed., Instructor

GENEVIEVE JONES, B.S., Instructor

Medical and physical examinations are required of freshmen, sophomores, students entering from other colleges, and those juniors and seniors participating in sports. The examining physician recommends to each student the form of physical education which will be most beneficial to her.

Physical education is required of all freshmen and sophomores. Hygiene is required of all first-year students. The lectures are given one hour a week during the first semester.

Every student taking the required physical education courses must purchase a regulation gymnasium outfit. This outfit is secured before college opens from dealers who handle the uniform adopted and required by the Physical Education Department.

The Athletic Association, under the supervision of the Physical Education Department, arranges inter-class competitive athletics and, in Andrew Mellon Hall pool, recreational swimming and life saving classes.

1-2. ELEMENTARY PHYSICAL EDUCATION AND HYGIENE.

Fall: Hockey.

Winter: Volley ball, Danish gymnastics, basket ball, folk dancing, swimming.

Spring: Base ball.

Required of freshmen. First semester (3), second semester (2).

3-4. ADVANCED PHYSICAL EDUCATION.

Fall: Hockey.

Winter: Volley ball, basket ball, swimming.

Spring: Base ball.

Open to sophomores. First semester (2), second semester (2).

5-6. SPORTS.

Fall: Tennis, archery.

Winter: Badminton, table tennis, swimming.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

*On leave of absence, 1940-1941.

- 7-8. SPORTS AND DANCING.
Fall: Tennis, archery.
Winter: Badminton, table tennis, swimming.
Spring: Tennis, archery.
Open to sophomores. First semester (2), second semester (2).
- 9-10. TAP DANCING AND SPORTS.
Fall: Tap dancing, tennis, archery.
Winter: Tap dancing.
Spring: Tap dancing, tennis, archery.
Open to sophomores. First semester (2), second semester (2).
- 11-12. GOLF AND RIFLE.
Fall: Golf.
Winter: Rifle.
Spring: Golf.
Open to sophomores. First semester (2), second semester (2).
A fee is charged for this course. A student must have written permission from home before she is allowed to take the work in rifle.
- 13-14. RIDING.
Fall and spring only.
Open to sophomores. Another physical education course must be taken during the winter term in order to receive four hours credit for the year. A student must have written permission from home before taking riding. A fee is charged for this course.
- 17-18. MODERN DANCING FOR FRESHMEN.
First semester (1), second semester (1).
- 19-20. MODERN DANCING FOR SOPHOMORES.
First semester (2), second semester (2).
- 21-22. INDIVIDUAL GYMNASTICS.
Substituted for regular class work on advice of the College Physician and Physical Director.
First semester (2), second semester (2).
- 101-102. ADVANCED MODERN DANCING.
First semester (2), second semester (2).
103. METHODS.
Methods and principles of teaching health education, health service, and physical education in the elementary grades.
Open to juniors and seniors. First semester (2).

104. **PLAYS AND GAMES.**
A study of games and folk dances which will be found practical in social service and playground work, also for recreational leaders in summer camps. Open to juniors and seniors. Recommended for students of elementary education. Second semester (2).
106. **PHYSICAL EDUCATION.** Given in alternate years; offered 1942-1943.
Methods and technique of teaching physical education. One hour of theory and two hours of practice in coaching and officiating in sports.
Given each year provided three or more sign for the course. Second semester (3).

Physical Sciences

EARL K. WALLACE, Ph.D., Professor
A. W. SCHOLL, Ph.D., Instructor
E. E. STICKLEY, B.S., Instructor

Astronomy

1-2. **DESCRIPTIVE ASTRONOMY.** An elementary course dealing with the study of the solar and stellar systems. The work includes the development of astronomy as well as the methods by which astronomical facts are ascertained. The laboratory periods will be spent in solving astronomical problems, in making telescopic observations, in studying charts and photographs. Two lectures, one recitation and one two-hour laboratory period a week. First semester (3), second semester (3). Given in cooperation with Buhl Planetarium and Institute of Popular Science. MR. STICKLEY.

Astronomy 1-2 fulfills the science requirement.

Chemistry

Students majoring in chemistry will take Chemistry 1, 2, 3, 4, 105, 106, 111, and 112 together with courses from other departments in fulfillment of the general requirements for graduation. Additional required courses are dependent on the particular field which the candidate wishes to enter. They are as follows:

- (a) Graduate study: Chemistry 107, 109, 110, courses in physics, biology, mathematics 1, 2, 5, and 6, German and French.
- (b) Industrial laboratory work: Chemistry 107, 108, 109, 110, physics, and mathematics.
- (c) Health and medical laboratory work: Chemistry 107, 108, biology 1-2, bacteriology, and histology.

- (d) Chemical library and secretarial work: mathematics, economics, English composition and literature, history, German, French, shorthand and typewriting.

1-2. **INORGANIC CHEMISTRY.** The fundamental chemical principles and theories in conjunction with the study of metallic and non-metallic elements and their compounds.

The laboratory groups are divided into two sections: one section for students who are beginning the study of chemistry, and the other for students who have had a course in chemistry in preparatory school. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3). Second semester (3). MR. WALLACE.

Chemistry 1-2 fulfills the science requirement.

3. **QUALITATIVE ANALYSIS.** A comprehensive study of theory and laboratory practice involving the separation and identification of basic and acidic ions and radicals, by the semimicro technique. Theory includes solutions, mass action, electrolytic dissociation, chemical equilibria, and oxidation-reduction reactions. Prerequisite: Chemistry 2. Two lectures, one recitation, and six hours of laboratory work per week. First semester (4). MR. SCHOLL.

4. **QUANTITATIVE ANALYSIS.** The theory and practice of gravimetric and volumetric analysis. The principles, errors, applications, and representative problems for precipitation, acidimetry, alkalimetry and oxidation-reduction determinations will be studied. Prerequisite: Chemistry 3. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. SCHOLL.

105. **ORGANIC CHEMISTRY.** A brief study of the preparations, reactions, and properties of the classes of aliphatic and aromatic compounds. Laboratory work: preparations and tests of organic compounds. Prerequisite: Chemistry 1-2. Two lectures, one recitation, and five hours of laboratory work. First semester (4). MR. WALLACE.

106. **ORGANIC CHEMISTRY.** Extensive comparison and contrast between aliphatic and aromatic compounds. Laboratory work: organic preparations and qualitative analysis of organic compounds and mixtures. Prerequisite: Chemistry 105. Two lectures, one recitation, and five hours of laboratory work. Second semester (4). MR. WALLACE.

107. **ADVANCED QUANTITATIVE ANALYSIS.** Chemistry of foods and food products. Analyses, by standard methods, of carbohydrates, fats, proteins, etc., in raw and manufactured products. Prerequisite: Chemistry 4 and Chemistry 106. Two lectures, and eight hours of laboratory work. First semester (4). MR. WALLACE.

108. **BIOCHEMISTRY.** The chemistry of foodstuffs relative to body metabolism and requirements for normal nutrition. Experimental study of carbohydrates, fats, proteins, and of animal metabolism including the analysis of body fluids, tissues, and catabolic products. Prerequisite: Chemistry 4 and 106. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. WALLACE.

109-110. **PHYSICAL CHEMISTRY.** A study of properties of gases, liquids, solids, and solutions; thermochemistry; chemical kinetics; electrical conductance; and atomic theory. Prerequisite: Chemistry 4. —Calculus advised. Two lectures, one recitation, and six hours of laboratory work. First semester (4), second semester (4). MR. SCHOLL.

111-112. **CHEMISTRY SEMINAR.** Discussion of topics of interest in physical science. Required of juniors and seniors majoring in chemistry. A part of the time is utilized in preparing for the senior comprehensive in chemistry. One hour a week. First semester (1), second semester (1). **CHEMISTRY AND PHYSICS FACULTY.**

Geology and Geography

1-2. **FUNDAMENTALS OF GEOLOGY AND HISTORICAL GEOLOGY.** A study of earth materials and processes acting on the atmosphere, hydrosphere, and the lithosphere. In the second semester, a study of the history of the earth and its inhabitants. Two lectures, one recitation, and one two-hour laboratory period or field trip a week. First semester (3), second semester (3). Given in alternate years; offered 1941-1942. MR. SCHOLL.

Geology 1-2 constitutes a year's course in fulfillment of the science requirement.

3. **FUNDAMENTALS OF GEOGRAPHY.** A study of earth materials and processes, including the relation of man to his natural environment. Two lectures, one recitation, and one two-hour laboratory period each week. Second semester (3). Given in alternate years; offered 1942-1943.

Physics

1-2. **DESCRIPTIVE PHYSICS.** A broad general course for those who do not intend to major in one of the sciences. Applications to everyday life are emphasized. Two lectures, one recitation, and one two-hour laboratory period a week. First semester (3), second semester (3). Physics 1-2 fulfills the science requirement. MR. STICKLEY.

3-4. **GENERAL PHYSICS.** Principles and applications of mechanics, heat, kinetic theory of gases, electricity, sound, and light; introduc-

tion to modern physics. Science majors electing physics will take this course. Two lectures, two recitations, and one two-hour laboratory period a week. First semester (4), second semester (4). Physics 3-4 fulfills the science requirement. MR. STICKLEY.

106. PHOTOGRAPHY. A study of the processes of photography and of the hand camera, its uses and limitations, with the aim of enabling the student to take pictures intelligently for pleasure and scientific use. Two lectures and one two hour laboratory period a week. First semester (2). Staff members. Given alternate years; offered 1942-1943.

Psychology

DOROTHY M. ANDREW, Ph.D., Assistant Professor

Students majoring in Psychology are expected to take the following sequence of courses:

Psychology: Courses 1, 101, 102, 103, 104, 105, 106, 107, 108.

Educational Tests and Measurements (Education 102).

Statistics (Mathematics 3).

1. GENERAL PSYCHOLOGY. A general introduction to the study of human behavior;—nervous system, drives, learning, attention, personality, intelligence, and abnormal behavior. Prerequisite to all courses in the department. Open to sophomores, juniors, and seniors. First semester (3).

2. EDUCATIONAL PSYCHOLOGY. Contributions of psychology to education; statistical techniques, basic principles of measurement; interest, attitude, aptitude, achievement, personality measurement; learning, motivation; importance of individual differences, the intellectually gifted, the sub-normal, and the maladjusted child. Open to sophomores, juniors, and seniors. Prerequisite: Psychology 1. Second semester (3).

101. CHILD PSYCHOLOGY. Growth and development of motor abilities, emotions, intelligence, language, and social behavior; special emphasis upon problems of adjustment. Prerequisite; Psychology 1. First semester (3).

102. ABNORMAL PSYCHOLOGY. History of abnormal psychology and of the mental hygiene movement; causes, symptoms, and treatment of the major organic and functional mental disorders, and of the neuroses; therapy—medical, psychoanalytic, and occupational. Prerequisite: Psychology 1. Second semester (3).

103. **PSYCHOLOGY IN PERSONNEL WORK.** General aspects of personnel and guidance procedure. Selection and placement. An evaluation of techniques available to vocational counsellors and personnel managers; special ability and proficiency tests, rating scales, interest, attitude, and personality scales; the interview and letters of application. Occupational trends, the occupational hierarchy, and requirements for success. A consideration of labor turnover, wages, and incentives. Factors to be considered in choosing a vocation. Prerequisite: Psychology 1. First semester (3).

104. **SOCIAL PSYCHOLOGY.** A study of relationships arising from interacting individuals; inherited traits and maturation, drive, attitudes, habit, imitation, suggestion, suggestibility, and propaganda; psychology of leadership, of juvenile delinquency, and the importance of age and sex factors in social adjustment. Prerequisite: Psychology 1. Second semester (3).

105-106. **SEMINAR IN PSYCHOLOGY.** Readings and discussion of systematic and experimental psychology, with emphasis on preparation for graduate work in psychology and related fields. In addition, each student will study clinical psychology and the administration of individual mental tests. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years: offered 1942-1943.

107-108. **EXPERIMENTAL PSYCHOLOGY.** Applications of experimental method in psychology. Original investigations. Laboratory fee. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1941-1942.

109-110. **A COORDINATING COURSE** in preparation for the senior comprehensive in psychology. First semester (1), second semester (1).

Religious Education

N. R. HIGH MOOR, M.A., D.D., Lecturer

1. **RELIGION.** The history of the birth and life and death of the Hebrew Commonwealth. A reviewing of the thought and customs of the contemporaries of the Hebrew; the study of an analyzation of the philosophical, sociological, and economic forces at work within the Hebrew Commonwealth; a noting of the part that legend, tradition, and great historic characters played in the formation and life of the Hebrews. First semester (3). Given in alternate years; offered 1942-1943.

2. RELIGION. A study and interpretation of the Life of Jesus; His creative and progressive influence on society. Second semester (3). Given in alternate years; offered 1942-1943.

3. RELIGION. A study in the practical application of religion to the meeting and solving of problems, individual and social, that affect us. Also, a study of the religious trend and emphasis in modern essays, poetry, writings, and editorials. First semester (3). Given in alternate years; offered 1941-1942.

4. RELIGION. The study of hymns, orations, and stories in Biblical literature, with a view, not only to the appreciation of their literary merit, but for the underlying message and its historical background and its significance in the light of modern problems. Second semester (3). Given in alternate years; offered 1941-1942.

Secretarial Studies

HANNA GUNDERMAN, M.Ed., Instructor

Students planning to enter the secretarial field are advised to elect courses in English composition, economics, general psychology, and statistics.

1-2. TYPEWRITING. Instruction given in the technique of operating the typewriter and in the development of speed and accuracy. Arrangement of business letters, tabulations, manuscripts, office forms, and mimeographing. Course open to students desiring to prepare for secretarial work using their liberal arts training as a background and also to those desiring a working knowledge of typewriting for personal needs. Meets three hours a week. First semester (1), second semester (1).

Section A: Open only to students who have had no previous instruction in typewriting.

Section B: Prerequisite, one semester of typewriting.

3-4. ELEMENTARY ACCOUNTING. A study of the basic principles and practices of accounting procedure to show how transactions are analyzed and recorded, accounts set up and interpreted, and balance sheets and income statements prepared. Students solve problems and keep the accounts of a business enterprise in order to apply the principles studied. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

101-102. SHORTHAND. An intensive course in the mastery of the principles of Gregg shorthand. Students who register for Shorthand

101-102 must also register for Typewriting 1-2 unless they have had this course or its equivalent. Meet three hours a week. Open only to juniors and seniors. First semester (2), second semester (2).

103-104. **STENOGRAPHY AND OFFICE PRACTICE.** Advanced dictation and transcription. Study and practice in the varied duties of a secretary, instruction and practice in the use of office equipment such as the mimeograph, dictaphone, etc. Filing, indexing, handling of general correspondence. Six hours recitation weekly. Prerequisites: Shorthand 101-102 and Typewriting 1-2, or their equivalents. First semester (3), second semester (3).

Sociology and Economics

EDWARD W. MONTGOMERY, Ph.D., Professor

DOROTHY A. SHIELDS, A.M., Assistant Professor

Students majoring in sociology and economics must have not less than thirty semester hours in the social studies, of which not less than twenty-one semester hours must be in the Department of Sociology and Economics. The twenty-one semester hours in the Department of Sociology and Economics must include Sociology 1, 2, 107 and 109, and Economics 1-2; and in the total of thirty hours there must be included Mathematics 3. Sociology 1-2 and Economics 1-2, or the consent of the instructor, are prerequisites for all other courses in this department.

Sociology

1. **PRINCIPLES OF SOCIOLOGY.** The purpose of this course is to introduce the student to the idea of a scientific study of social phenomena, to familiarize her with the more important sociological concepts, and to describe the more important characteristics of contemporary society. First semester (3). MR. MONTGOMERY.

2. **SOCIAL PROBLEMS.** An analysis of contemporary social problems from the points of view of extent and importance, causes, and possibilities of correction. Second semester (3). MR. MONTGOMERY.

101. **POVERTY.** A study of the extent, causes, and consequences of poverty, and an analysis of social work and of various proposals for social reform as methods of dealing with the problems of poverty. First semester (3). MR. MONTGOMERY.

102. **CHILD WELFARE.** A study of the problems of needy children—dependency, neglect, physical and mental handicaps, behavior and

personality problems, and child labor—with particular emphasis on contemporary child welfare programs. Second semester (3). MR. MONTGOMERY.

103. POPULATION PROBLEMS. Early population theories and practices; factors affecting the rate of growth and density of population; population trends; consequences of differential rates of growth; racial composition of the United States and other countries. World population and world markets; food supply; resources; population policies of various countries. Second semester (3). Not offered 1941-1942.

104. THE CITY. This course covers such topics as the rise of modern cities, the ecology of the modern city, urban institutions and social organization, social disorganization, and personality adjustment in the modern city. Second semester (3). Given in alternate years; offered 1941-1942. MR. MONTGOMERY.

105. CRIME AND ITS SOCIAL TREATMENT. A study of juvenile and adult delinquency, police and court systems, penal and reformatory institutions, probation and parole, and methods of preventing delinquency. First semester (3). Given in alternate years; offered 1941-1942. MISS SHIELDS.

106. SOCIAL LEGISLATION. A comparative study of social legislation in Europe and the United States, particularly in regard to relief, social security, minimum wages, and public works. Second semester (3). MISS SHIELDS.

107. THE FAMILY. Forms and functions of the family in different societies. Social, economic, and other factors affecting family relationships, with particular reference to contemporary trends and problems. First semester (3). MR. MONTGOMERY.

108. SOCIAL CONTROL. A study of mores, religion, propaganda, advertising, education, and other devices out of which uniformities in behavior and thinking develop and by means of which conformity to social codes is secured. Second semester (3). Given in alternate years; offered 1942-1943.

109. SOCIOLOGY SEMINAR. Consideration of contemporary social thought with particular reference to the interrelationships of the several fields of sociology and of the relationship of sociology to other disciplines. Second semester (3). MR. MONTGOMERY AND MISS SHIELDS.

Economics

1-2. **ELEMENTARY ECONOMICS.** A study of the development and characteristics of economic production and an analysis of demand, supply, price, money, banking, foreign exchanges and tariffs. A study of the distribution of wealth and income, methods of economic regulation and control, and problems of social reorganization. First semester (3), second semester (3). MISS SHIELDS.

4. **THE CONSUMER IN MODERN SOCIETY.** This course is built on the practical need for preparing students to become intelligent consumers. Appreciation and mastery of the technique of making wise choices are emphasized through study and analysis of consumers' problems. Second semester (3). Given in alternate years; offered 1941-1942. MISS SHIELDS.

101. **LABOR PROBLEMS.** An analysis of the relations of workers with one another, with employers and with the State. A study of labor organizations, personnel work, and labor legislation. First semester (3). MISS SHIELDS.

102. **CONTEMPORARY ECONOMIC PROBLEMS.** A description and analysis of recent economic, political, and social problems in the United States, and the conditions out of which they have arisen. Second semester (3). Not offered 1941-1942.

Spanish Language and Literature

RUTH E. STAPLES, A.M., Instructor

The requirements for students majoring in modern languages are stated in connection with the requirements of the French Department. For information about the reading test, see Foreign Languages, page 19.

1-2. **ELEMENTARY SPANISH.** Study of the fundamentals of grammar. Reading of easy texts dealing with Hispanic civilization. Conversation based upon texts read. Open to students who have had no Spanish, or one year of high school Spanish. First semester (3), second semester (3).

3-4. **INTERMEDIATE SPANISH.** Readings in modern Spanish and Spanish-American literature, particularly representative short stories and novels. Study of syntax, composition, and conversation. Open to students who have presented two or three units of Spanish at entrance or who have taken Spanish 1-2 or its equivalent. First semester (3), second semester (3).

107-108. HISTORY OF SPANISH LITERATURE FROM THE ORIGINS THROUGH THE GOLDEN AGE. Critical study of Cervantes, Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and the Picaresque novel. Collateral readings and reports. Prerequisite: Spanish 3-4 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

109-110. HISTORY OF SPANISH LITERATURE FROM THE GOLDEN AGE TO THE PRESENT TIME. Literary and social aspects of the different periods. Critical study of the modern novel and drama. Collateral readings and reports. First semester (3), second semester (3). Prerequisite: Spanish 3-4 or its equivalent. Given in alternate years; offered 1941-1942.

Speech

VANDA E. KERST, Professor

MARGARET ROBB, Ph.D., Assistant Professor

Students majoring in the Speech Department will be expected to take in

SPEECH: A minimum of thirty-two semester hours, including Speech 3-4 and 7-8.

OTHER FIELDS: Two year-courses in English Literature, and Physical Education 17-18 or 19-20 and 101-102.

Arrangements for private instruction in Speech are made with the head of the department.

1-2. FUNDAMENTALS OF SPEECH. A general introductory course including the re-education of speech habits; improvement of everyday speech; practice in public speaking; interpretation of different forms of literature; and the study of phonetics. Required of all students in the Lower Division who have not passed the achievement test. First semester (3), second semester (3). MISS KERST, MISS ROBB.

3-4. ORAL INTERPRETATION OF LITERATURE. The objective of this course is an understanding and appreciation of literature through reading it aloud. It includes the interpretation of various forms of literature: poetry, prose, and the drama, also training in choral speaking. Prerequisite or co-requisite: Speech 1-2. First semester (3), second semester (3). MISS KERST.

5-6. PUBLIC DISCUSSION. The study of clear, orderly, and logical presentation of ideas; practice in extemporaneous speaking and various forms of discussion and debate. Students who have completed this course may register for the second semester of a following year, with

a three hour credit. Prerequisite: Speech 1-2. First semester (3), second semester (3). MISS ROBB.

7-8. SPEECH CORRECTION. A study of the symptoms, etiology, and therapy of all minor speech and voice defects and disorders. Clinical demonstrations. Prerequisite: Speech 1-2. First semester (2), second semester (2). MISS KERST.

9-10. CHORAL SPEAKING. Consideration of the artistic and educational values of choral speaking; selection and treatment of material suited to group interpretation; special attention to vocal technique. First semester (1), second semester (1). MISS KERST.

101-102. PLAY PRODUCTION. A lecture and laboratory course in acting and stagecraft; practice in designing and executing settings and costumes; presentation of one-act plays. Two recitations and four laboratory hours a week. Laboratory fee five dollars a semester. Prerequisite: Speech 1-2. First semester (3), second semester (3). Offered 1941-1942. MISS ROBB.

103-104. RADIO BROADCASTING. The course includes a survey of the past, present position, and future possibilities of radio; experimentation with techniques in present use, also new ones; preparation and presentation of radio programs; writing scripts, advertising, educational programs. The presentation of programs on the air is made possible through the facilities of local radio stations. Prerequisite: Speech 1-2. First semester (3), second semester (3). Miss Kerst, assisted by the departments of English, writing, music and physics.

105. CHILDREN'S LITERATURE. Story telling, creative dramatization, and a study of source material. Prerequisite: Speech 1-2. First semester (3). Given in alternate years; offered 1942-1943.

106. THE TEACHING OF SPEECH IN THE SECONDARY SCHOOLS. A study of the nature and value of speech in relation to other subjects in the curriculum, with emphasis on methods and classroom procedure. Prerequisite: Speech 3-4 or its equivalent. Second semester (3). Given in alternate years; offered 1942-1943.

Note: Students may not elect (except with special permission) more than one of the following courses in any one year:

Chorus

Instrumental Ensemble

Choral Speaking

General Information

Location

THE College is situated on Woodland Road in the residential part of Pittsburgh, near the East Liberty and Squirrel Hill districts. Trains from the east stop at the East Liberty station which is approximately a mile and a half from the college. Students arriving from the west come into the Union station, the Pittsburgh and Lake Erie, or the Baltimore and Ohio, all of which are in the downtown part of the city. A taxicab makes the trip to the college in about twenty minutes.

Buildings

BERRY HALL, the administration building, was acquired as a part of the property when the College was founded. It was then a dignified and spacious family residence. It has been remodeled and much enlarged to fit it for college purposes. Its wide central staircase and hall, high ceilings, and fine old woodwork create an atmosphere of gracious and homelike individuality which the College desires to maintain.

WOODLAND HALL, a modern, fireproof dormitory, well furnished, attractive and comfortable—housing 100 students—is situated on the crest of the campus, surrounded by trees and overlooking the amphitheatre. Additional dormitory space is provided in Stony Corners and Broadview, two houses adjoining the campus, which accommodate twenty-five students.

JAMES LAUGHLIN MEMORIAL LIBRARY was opened in January 1932, and provides ample accommodations for faculty and student needs. The book stacks are open to the students who have free access to the 23,580 volumes in the library. This collection is supplemented by books borrowed from the Carnegie Library of Pittsburgh. During the academic year the library is open from eight to half past five, and also from seven to ten in the evening, every day in the week except Saturday when it is open from eight to three. On Sunday it is open from two to five.

LOUISE C. BUHL HALL OF SCIENCE, completed in January 1931, houses the departments of botany, zoology, chemistry, physics, and psychology. Each department has laboratories, preparation rooms, offices, and lecture rooms. It contains a large science library and seminar room. The equipment throughout is the most modern and complete obtainable.

ANDREW MELLON HALL was given to the College by Mr. Paul Mellon in July, 1940, and was first occupied by the College in December of that year. It is a dignified and beautiful mansion containing approximately thirty rooms, a thoroughly equipped swimming pool of the regulation size, bowling alleys, a recreation room and student social centers. Here also are rooms for the Alumnae Association, the Faculty Club, and various college organizations. A limited number of resident students have rooms in this hall. Another building on the estate is used as an arts center.

DILWORTH HALL, one of the oldest buildings, has lecture rooms and the assembly hall.

THE GYMNASIUM is fitted with the most approved modern apparatus.

THE MUSIC HALL and practice rooms occupy the second floor of the Gymnasium building.

THE PRESIDENT'S HOME, adjacent to Woodland Hall, plays a large part in the social life of the students.

THE COLLEGE has recently acquired an astronomical telescope built by the late Dr. John Brashear. The instrument is a six-inch refractor, and is equipped with clockwork drive as well as the usual manual controls. This mechanism allows the continuous observation of planets and stars in their diurnal motion. In addition, a system of mirrors for photographic work is part of the equipment. The complete assembly was designed and built by one of the recognized masters of fine instrument construction; it is a valuable addition to the equipment of the science department.

Residence

Life in the dormitories is an essential part of the College educational program, for it is here that the students have opportunity to practise the art of living together. Residents of the dormitories are responsible for establishing and maintaining satisfactory social conditions in the house. They elect their own officers who cooperate with the resident hostesses and with the administration in the promotion of their academic and social interests.

In Woodland Hall the drawing rooms, the sun parlor, the large verandas, the dining room with small tables and well served meals, are part of the atmosphere of a large home.

Rooms in Woodland Hall are reserved in the order in which application for them is received. The rooms in Andrew Mellon Hall are reserved for upper classmen. Returning students may reserve rooms for the next year in May. These rooms will not be held after August first unless a deposit of \$10.00 has been made. After August first unreserved rooms are assigned to new students. The deposit will be credited on the second semester bill.

Residence in the dormitories is required of all students who do not live at home. Any exception to this regulation must be granted by the Dean.

Each student may have ten nights a semester away from the dormitories. It is expected that these will be taken over week-ends unless special permission has been granted by the Dean.

Health

The health of students is carefully supervised. Medical and physical examinations are required at the opening of the college year of all entering students and sophomores. These examinations are given by the staff of the Physical Education Department and the college physician, assisted by the college nurse. The college physician is called in case of illness on the part of students, unless the parents have expressed a preference for their family physician.

The resident trained nurse has charge of all cases of illness except those of a serious or prolonged nature which require the services of a private nurse. The College is so situated in Pittsburgh that the best medical attention is always available.

Religious Life

The College has from the beginning been Christian in its ideals. Originally a Presbyterian college, it is now non-denominational and welcomes students of every faith.

Students in residence are expected to attend the church of their choice and the occasional vesper services held at the College on Sunday evening.

Chapel services are held regularly during the week with the Thursday morning assembly in charge of the Student Government Association. A limited number of absences from these exercises is permitted.

The Y.W.C.A. has an active place in the life of the students. The association is fundamentally a religious organization, with activities and interests so varied as to appeal to every student. The association cooperates with welfare agencies in the city and contributes to philan-

thropic and missionary work at home and abroad. Delegates are sent to intercollegiate conferences and an active part is taken in all work looking toward the strengthening of the religious forces of the college life. Many of the chapel services are planned and conducted by the Y.W.C.A.

Social Life

The College emphasizes social life as an essential part of a liberal education. It makes full provision for varied social activities ranging from formal receptions to the most informal of class entertainments. A number of dances, teas, and other social functions are held during the year. Hospitality is extended to both men and women students in neighboring colleges and universities. Resident and non-resident students share alike in the social life of the College.

Freshman Week

All freshmen are requested to register at the College on Monday morning, September 22. Monday and Tuesday will be given over to placement tests, and to brief talks by the President, Dean, and student officers to acquaint them with P. C. W. traditions and ideals. Opportunity will also be given during these days for informal social gatherings with both faculty and students. It is hoped that with this introduction to the college year the necessary adjustments will be made more easily, and the student will soon feel herself a responsible member of the student body.

Student Organizations

The student body is organized into the Student Government Association, membership in which is automatic upon matriculation. The discipline of the College is largely in the hands of this organization. It is governed by the Student Government Board whose members are elected by the student body. The Board is represented on the Faculty-Student Council, which meets to consider questions relating to college activities and policies, and on the Faculty-Student Curriculum Committee.

The student Y.W.C.A. is an active association whose work is described under "Religious Life."

The Athletic Association, of which every girl in College is a member, offers advantages to all students. Field hockey, archery, rifle, horseback riding, golf, volleyball, basketball, tennis, track, baseball,

badminton and ping-pong are offered. Arrangements for swimming are made in the fall. Good sportsmanship and "a game for every girl" are the aims of the association. Awards are made at the end of the college year for outstanding achievement in athletics.

For the past year a Student Activities Council composed of the presidents of the Student Government Association, the Young Woman's Christian Association, the Athletic Association, and the presidents-elect of each of the department clubs, has had in its charge the promotion of social and educational projects in which all members of the student body may participate. Such projects were the mock political convention and election sponsored by the Council in the fall, the inter-class play contest held in February, and a number of other social activities.

The Council has been newly organized to take the place, temporarily, of the departmental clubs which in former years were open to majors of various departments and which carried on activities of special departmental interest. In the future, these clubs, such as Omega (English), Phi Pi (Classical Languages), French, Spanish, German, Lambda Pi Mu (Social Service), Mu Sigma Chi (Sciences), International Relations (History), and Epsilon Chi (Education), may be revived by student vote, or it may be that the Student Activities Council will be made a permanent institution replacing them.

The Glee Club and the Instrumental Ensemble are student organizations whose activities are described under the work of the Music Department.

There are two student publications: *The Pennsylvanian*, published biennially, a pictorial and literary summary of student activities and student life; and *The Arrow*, published monthly, which combines the features of a newspaper and a literary magazine. All students may contribute to *The Arrow*, and students in the class in journalism consider it a laboratory for practical work in the journalistic field.

Lecture Program

The college provides a special lecture series each year by men and women of national and international importance. These speakers are frequently entertained at the college, when both students and faculty have an opportunity to meet them informally. Guests are welcome at these lectures. The program for the year 1940-1941 included the following:

DR. DONALD GRANT, Institute of International Relations.

MR. SAM PEARCE, Lecturer on the Drama

- DR. BERNARD C. CLAUSEN, Pastor of the First Baptist Church,
Pittsburgh
- MR. HOMER ST. GAUDENS, Director of the Carnegie Institute of
Fine Arts
- CONGRESSMAN ROBERT J. CORBETT
- DR. MARION MCKAY, Economist
- JULIA WINDSOR, Dramatic monologist
- MRS. GERALDINE T. FITCH, Lecturer on the Far East
- DR. GEORGE B. LIEBERMAN, Wheeling, W. Va.
- DR. DONALD A. SPENCER, Pastor of the Point Breeze Presbyterian
Church
- DR. CLARA SULLIVAN, Lecturer on Negro Folk Art
- DR. HERMAN GUNDERSHEIMER, Lecturer on Renaissance Art
- LAURA LORENSON, Lecturer on Ceramics
- CARROLL BARNES, Sculptor
- JAMES SAWDERS, Lecturer and World Traveller
- T. Z. KOO, Lecturer
- DR. F. S. ONDERDONK, Ann Arbor, Michigan
- DR. BHASKAR PANDURANG HIVALE, University of Bombay, India
- S. STEPHENSON SMITH, American Society of Composers, Authors,
and Publishers
- ROBERT P. TRISTRAM COFFIN, Poet

Vocational Guidance

The College gives careful attention to vocational guidance. Students may avail themselves of vocational interest tests early in their college course, and guidance is given them in the selection of courses to provide the proper background for specialized work. Speakers representing various professional fields are secured and conferences with vocational experts are provided.

The Dean's Office gives graduates every assistance in securing placement. Students are given an opportunity to indicate their employment preferences, and constant effort is made to refer qualified students to prospective employers. This office also attempts to maintain contact with graduates who are placed to help them with adjustments to employment and to learn of openings which other students might fill. The placement service is rendered without charge and is available to each student and graduate as long as she is seeking placement.

A bulletin entitled "Careers of Distinction" is issued by the college. It gives information concerning the preparation necessary for some fifty occupations which are open to women, and also shows how liberal arts training may be planned at Pennsylvania College for Women to form a background for subsequent careers.

Teacher Placement Service

Attention of graduates is called to the Placement Service, Teacher Bureau, of the Department of Public Instruction. No enrollment fee is required and no charge is made for any service rendered by the bureau. Blank forms for enrollment and circulars containing full particulars with regard to the work of the bureau may be obtained by addressing the Assistant Director, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania.

The College endeavors to assist in locating available positions for those members of the graduating class who receive the teaching certificate. The head of the department of education each year visits the leading high schools of Allegheny and adjoining counties to learn of possible vacancies in the schools.

Alumnae contemplating a change in teaching positions, who wish the help of the College, are asked to communicate with the department of education. All those knowing of teaching vacancies will render the College a service by sending in a notice of such vacancies.

Adjustment Institute of Pittsburgh

The Adjustment Institute of Pittsburgh is an association of specialists and administrators representing Pittsburgh colleges and universities, public and parish schools, medical, personnel and child guidance groups. It is concerned with research, demonstration and publication, in the field of mental-emotional personality adjustment and allied education.

Research is under way in medicine, psychiatry, psychology, sociology and employment, with demonstration in one of the large City high schools, and in industry. The Institute is under grant from the Carnegie Corporation of New York and subsidies from the University of Pittsburgh and Pennsylvania College for Women, administered by the College.

Scholarships and Loans

Applications for scholarships, loans or service scholarships, as well as permission to take the competitive examinations for the freshman scholarships should be made to the Dean of the College.

COMPETITIVE SCHOLARSHIPS FOR FRESHMEN

A limited number of competitive scholarships will be awarded to freshmen entering Pennsylvania College for Women in September, 1941. Awards will be based on an examination to be given at the college in the spring, on the school record, and on the personal qualifications of the candidate. The scholarships range in value from \$50 to \$150 for day students, and from \$50 to \$300 for resident students, depending on the financial need. The continuance of the scholarship beyond the freshman year depends upon the academic standing of the student and her financial need.

A personal interview is necessary in all cases before the scholarship is finally assigned. This interview should take place at the college whenever possible.

Applications for taking the examination must be filed in the Dean's office by April 1, 1941.

SERVICE SCHOLARSHIPS

A limited number of service scholarships are available to deserving and industrious students from any of the four classes in college. The obligations connected with these scholarships consist mainly of assisting in the library and laboratories, doing clerical work, and serving in the dining hall and cafeteria.

OTHER SCHOLARSHIPS

A limited number of scholarships are open to outstanding students of the three upper classes. These scholarships are awarded on the basis of academic standing, character, and financial need. A considerable sum for student aid is appropriated by the College from its current income.

A few competitive scholarships in Music are available. Examinations for these scholarships are given during the first or second week of the first semester. Under this plan, scholarships are available for both class lessons and private lessons in applied music.

The College offers a scholarship at the Marine Biological Laboratory at Woods Hole, Massachusetts. This scholarship covers the cost of tuition for work done in the laboratory and is given to a student in the Biology Department who has done outstanding work.

The Science Majors offer two small scholarships each year to students majoring in the fields of Chemistry and Biology.

In addition to these scholarships the following have been established:

THE STUDENT GOVERNMENT ASSOCIATION offers two scholarships of \$150 each as a memorial to the late Cora Helen Coolidge, for many years president of the College.

THE HELEN E. PELLETREAU SCHOLARSHIP FUND is a fund which has been raised by the Alumnae to establish a scholarship in honor of Miss Helen E. Pelletreau, for many years president of the College. At the present time four or five students each year receive scholarships from this fund. The fund has not yet been made up to the full amount necessary and contributions to it are earnestly solicited. They should be sent to Miss Edna M. Reitz, 912 East End Avenue, Pittsburgh. The scholarships are awarded for one year by the Scholarship Committee of the Alumnae Association.

THE MARY HAWES NEVIN SCHOLARSHIP fulfills a wish expressed by the late Mary Hawes Nevin, an alumna of the class of 1896. Her family gave a sum of \$6,000 to establish a scholarship to bear her name.

THE COLLOQUIUM CLUB SCHOLARSHIPS were established in 1919 by the Colloquium Club of Pittsburgh to promote and maintain the interest of the club in the growth of the College. The scholarships are awarded on recommendation of the Scholarship Committee of the club. Four scholarships of \$100 each are given every year.

THE PITTSBURGH FEMALE COLLEGE ASSOCIATION MEMORIAL SCHOLARSHIP was established as a perpetual memorial to the Pittsburgh Female College Association, and is to be given each year to a member of the junior class of outstanding rank who has also made a real contribution to the college life.

THE MARY ROBBINS MILLER SCHOLARSHIP FUND was given by alumnae and friends of Mrs. Miller and provides an annual income which is available for students in any class.

THE CORA HELEN COOLIDGE MEMORIAL SCHOLARSHIP, given by the Pittsburgh Colony of New England Women, is awarded each year to a member of the freshman class. This scholarship is for \$150 and is given for one year.

ANNA DRAVO PARKIN MEMORIAL HISTORY PRIZE: This annual prize of \$50 is to be awarded at commencement time to the member of the senior class who has been a student in the college for at least two years, and who has maintained the best standing in the department of history. The prize is given in memory of Anna Dravo Parkin, a member of the class of 1936, by her grandmother, Mrs. Anna Dravo Parkin.

THE JANE B. CLARK MEMORIAL SCHOLARSHIP: A scholarship fund has been established in the name of Jane B. Clark, a teacher for many years at Pennsylvania College for Women, by a group of alumnae. The income from this fund is awarded annually to deserving students.

THE JANET L. BROWNLEE SCHOLARSHIP: The alumnae of Dilworth Hall have established this scholarship in honor of Miss Janet L. Brownlee, the former Principal of Dilworth Hall.

THE SOCIETY OF PENNSYLVANIA WOMEN OF NEW YORK for some years gave a scholarship of \$750 a year. This scholarship, withdrawn for a period during the depression, has been re-instituted, temporarily for \$400. It is awarded to a high honor student of the Upper Division, and has done great service for exceptionally worthy students. The Society awards a graduate scholarship to Bryn Mawr College for eastern Pennsylvania, and to Pennsylvania College for Women for western Pennsylvania.

THE FLORENCE KINGSBACHER FRANK SCHOLARSHIP: A scholarship has been provided in memory of Florence Kingsbacher Frank, a graduate of Pennsylvania College for Women in the class of 1913, by her husband, Mr. W. R. Frank.

All of these scholarships are awarded subject to the approval of the Dean of the College, and the recipients must meet the College scholarship requirements.

LOANS

Lambda Pi Mu, the Social Service Club of the College, in 1929 established the first College loan fund. This has been increased each year and has been used by many College students.

In the past two years the Alumnae Association, class groups, and regional groups of alumnae have raised loan funds for students. The alumnae of the H. C. Frick Training School for Teachers provide loans for college seniors at P.C.W. through the Herbert Burnham Davis Memorial Loan Fund which they maintain. These loans bear no interest until one year after the graduation of the class to which the student belongs and are payable at any time after the graduation of the student. If the loan has not been returned at the end of the year, interest at the rate of five per cent is charged.

Transcripts

Students in good standing withdrawing before graduation, and graduates, are entitled to one complete statement of their college record without charge. A charge of \$1 will be made for every subsequent copy of such record.

Dismissals

The College reserves the right to exclude at any time a student who does not maintain the required standard of scholarship, or whose continuance in College would be detrimental to her health or to the health of others, or whose conduct is not satisfactory. Students of the latter group may be asked to withdraw even though no specific charge be made against them.

Social Service Summer Conference for Teachers

The 16th summer session in social service and guidance will be held at the College from June 30 to July 19, 1941. This school is sponsored by the Henry C. Frick Educational Commission for the public school teachers of the Pittsburgh district. Its purpose is to acquaint them with the economic and social background of their students, and to provide closer cooperation between the school and the social agencies in their efforts to better social conditions in the city. Speakers from local and national social agencies are brought before the group.

Scholarships for this session may be obtained by applying to Miss Mary H. Kolb, Secretary of the Frick Commission, Union Trust Building, Pittsburgh. Pennsylvania College for Women with accommodations for 100 teachers is glad to offer the facilities of its campus for a project of such educational importance.

Charges and Expenses

Academic Year 1940-1941

PROVISIONS by the College for its maintenance are made on a yearly basis; likewise, all college charges are for the full year. No rebate or refund of tuition will be made for absence, withdrawal, suspension or dismissal.

Application for admission should be accompanied by a fee of \$10.00. This fee will be returned if the college refuses admission to the applicant.

Charges for students entering College the second semester will be one-half the stated rates for the college year.

Students carrying nine hours or less will be charged at the rate of \$10.00 each semester hour scheduled. Students who are permitted to carry more than the normal load of thirty-two hours for the year—exclusive of Physical Education—will be charged on a basis of \$10.00 per semester hour for excess hours.

Tuition for private lessons in art, music or speech is payable in advance in equal installments at the beginning of each semester, and is not subject to return or reduction.

Payments are due as stated below without presentation of bills. A charge of one-half of one per cent per month or fraction thereof for each \$100.00 or fraction thereof, will be added to all accounts not paid October first for the first semester, or March first for the second semester.

Payments must be made before a student may be enrolled in classes. In no case may a student be admitted to final examinations until all obligations to the College have been met in full previous to the date on which such examinations begin. No exception will be made without written permission from the President of the College.

Textbooks and supplies may not be charged.

A student may be graduated, receive honorable dismissal or receive a transcript of her college work only after all accounts with the College have been settled.

Checks should be made payable to the Pennsylvania College for Women.

Non-Resident Students

The tuition fee for the year for all non-resident students is \$300.00. The health fee of \$5.00 covers the required physical examinations and care of the resident nurse in her office.

Charge for non-resident students:

Tuition, a year.....	\$300.00
Health fee, a year.....	5.00
Library fee, a year.....	5.00
	\$310.00

Payable

On or before opening of College in September.....	\$210.00
On or before February 1.....	100.00
	\$310.00

Resident Students

The tuition fee for the year for all resident students is \$300.00. A room reservation fee of \$10.00 to be paid by August 15, is required of all returning students.

A student vacating a room before the close of the year will be charged for board and room until the vacancy has been filled by an incoming student. The date of withdrawal of a student is the day on which the assistant treasurer is informed in writing of the fact by the parent or guardian, unless such withdrawal is due to a request from the College administration, in which case it is the date on which the parents are informed of this decision. No deduction is made for absences or withdrawals during the year except in cases of protracted illness, when some deduction may be made on account of board. The College reserves the right to be the sole judge in regard to the amount of such refund.

The medical fee of \$10.00 covers the required physical examinations and services of the resident nurse in the college infirmary. This fee also provides for not more than seven days of rest and care in the college infirmary. A charge of \$1.50 will be made for each day in excess of seven. Charges are made for medicine and physicians' services supplied through the infirmary.

An extra charge is made for meals sent to rooms.

The College has its own laundry where students may have work done at reasonable rates.

Charges for resident students:

Tuition, a year.....	\$300.00
Board and Room, a year.....	500.00
Health fee, a year	10.00
Library fee, a year.....	5.00
	<hr/>
	\$815.00

Payable

On or before opening of College in September.....	\$490.00
On or before February 1.....	325.00
	<hr/>
	\$815.00

Department Charges

APPLIED ART

One lesson a week, per semester.....	\$15.00
Two lessons a week, per semester.....	25.00

Music

College Department

Private instruction in piano, organ, voice, violin

Two half-hour lessons a week, per semester.....	\$ 60.00
Two hour lessons a week, per semester.....	120.00
One three-quarter hour lesson a week, per semester.....	45.00
Two three-quarter hour lessons a week, per semester.....	90.00
One half-hour lesson a week, per semester.....	30.00
The charge for class instruction in applied music per semester	15.00
Teacher training in piano, per semester.....	12.50
Church choir directing and repertoire, per semester.....	12.50

For lessons in other instruments not specified arrangements must be made with Miss Welker.

Practice Rooms

For use of practice room for piano, per semester.....	\$ 7.50
For use of practice room for organ, per semester.....	10.00
For use of practice room for voice, violin, cello, etc., per semester	5.00

ADULT DEPARTMENT

Same as College Department.

COLLEGE PREPARATORY DEPARTMENT

(14 years to College Age)

Private instruction in piano

One half-hour lesson a week, per semester.....	\$25.00
One three-quarter hour lesson a week, per semester.....	37.50
Two half-hour lessons a week, per semester.....	50.00

Junior Department

(3 to 14 years)

Preliminary class work, per semester.....	\$ 6.00
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Private instruction in piano

One half-hour lesson a week, per semester.....	\$20.00
One three-quarter hour lesson a week, per semester.....	30.00
Two half-hour lessons a week, per semester.....	40.00
The charge for class instruction in piano plus class in Ear Training, one period a week, per semester.....	12.50

SPEECH

Private instruction

Two half-hour lessons a week, per semester.....	\$60.00
One half-hour lesson a week, per semester.....	30.00

SECRETARIAL

Stenography (shorthand and typewriting), a semester.....	\$ 5.00
Typewriting, regular students, a semester.....	5.00

LABORATORIES AND OTHER CHARGES

All science courses with a two-hour laboratory period each week, per semester.....	\$ 6.00
All courses with more than a two-hour laboratory period each week, per semester.....	7.50
Experimental Psychology, per semester.....	5.00
Play Production, per semester.....	5.00
Practice Teaching	12.50

Tests and Measurements.....	\$ 2.00
Rifle Practice, per semester.....	2.50
Swimming class, per semester.....	2.50
Commencement fee, payable by seniors February 1.....	10.00
Student Activities fee, per semester.....	6.50

Note—There will be no refund of laboratory fees to a student withdrawing from a laboratory course after the first two weeks of a semester. Additional charges will be made for breakage.

Where special fees are assessed there will be no refund to a student withdrawing from a course after the first two weeks of a semester.

Honors and Prizes

Sophomore Honors

Awards announced on Matriculation Day, September 23, 1940, to the ten students of the class of 1942 having the highest academic standing for the first two years.

MARGARET ANDERSON

JOAN MYERS

JEAN BURCHINAL

MARY SINGER

BETTY JANE GAHAGEN

CLAIRE STEWART

JEAN MILLER

FLORENCE SUCCOP

JANET MURRAY

EILEEN WESSEL

Prizes and Awards 1939-1940

Ann Dravo Parkin Memorial History Prize.....RACHEL KIRK

Athletic Association Award.....RUTH MARY ARTHUR

Omega Short Story Prize.....{ JO ANNE HEALEY
RACHEL KIRK

International Relations Club.....{ JEAN ARCHER
BRICE ELEANOR BLACK

Modern Language Prize.....{ PATRICIA KRAUSE
ANN LUDLOW

Science Club Awards.....{ MAE OETTINGER
SUSAN WOOLDRIDGE

Pittsburgh Female College Association.....{ MARY LINN MARKS
SUSAN WOOLDRIDGE

Freshman English Prize.....{ JANET McCORMICK
ELIZABETH ANN VERNON
BARBARA BROWNE
JEAN ARCHER
AMY McKAY

Degrees Conferred in June 1940

Bachelor of Arts

RUTH MARY ARTHUR	FRANCES MARY MAHAFFEY
JEAN MARIE AUNGST	ADA LEE MANGUM
BERYL GRAYCE BAHR	ELLEN MARSHALL
*RUTH LOUISE BAUER	MARIANNE MCCALLISTER
JANET LUCILLE BRENNAN	MADGE RUSSELL MEDLOCK
SARAH DICKSON BROWNE	RUTH LOUISE MENGEL
JEAN ELIZABETH BURRY	ANN HAMILTON MILLER
JEANNETTE CATE	ELIZABETH ANN MORROW
HELEN MOON CHENG	LAURA ELIZABETH MULKEARN
MARGARET MILTON CHRISTY	ELINOR BISSELL OFFILL
*RUTH ELEANOR CLARK	MARY ELLEN OSTERGARD
NANCYANN COCKERILLE	NANCY OVER
VIOLET VIRGINIA COOK	JEAN KEISTER RATCLIFFE
ELIZABETH CRAWFORD	JANET CONNELLY ROSS
VIVIAN FAY CUMBLER	*KATHERINE ELISE RUTTER
JEAN ELIZABETH CURRY	AETHELBURGA SCHMIDT
MARGARET DUNSEATH	RENEE SIMONE SCHREYER
ELIZABETH LAY EASTWOOD	JANE ENSIGN SCOTT
RUTH ALBERTINA FITE	MARY LOU SHOEMAKER
ELEANOR R. GANGLOFF	FRANCES M. SHOUP
JEAN ESTHER GEISELHART	PAULINE MARIE SOMMERFELD
JANE T. HANAUER	ALICE ALIDA SPINNING
AUDREY HORTON	HELEN MAR STEVENSON
CATHERINE ROBERTA IAMS	ELIZABETH FISHER SWEENEY
CARRIE LOUISE KINZER	CATHERINE JEAN THOMPSON
**RACHEL MARY KIRK	MARY JANE TOTTEN
*PATRICIA LOUISE KRAUSE	JANE ANNE VIEHMAN
LOUISE S. LEAN	JEAN STAIRS WATSON
HELEN MARGARET LOHR	INEZ BEDEL WHELDON
*ANNE FRANCES MORTON LUDLOW	NANCY FANCHER WILSON

MARY LYDA WOLFF

*With Honors.

**With High Honors.

Students in 1940-1941

Senior Class—1941

AYRES, JEANNE-ANNE	MARTIN, CAROLYN JANE
BACON, BETTY ANNE	McGOWAN, JEAN
BUTLER, ANNE SPOTTSWOOD	McINTYRE, HELEN LOUISE
CALDWELL, LOUISE ANN	MEYER, ALLISON JUNE
CHATTAWAY, HAZEL ALICE	MITCHELL, ADELAIDE C.
CLIPSON, SHIRLEY ANNE	OETTINGER, MAE H.
DALEY, MARY JANE	OLIVER, DOROTHY McNEILL
EISENBERG, MARY KATHRYN	O'NEILL, JANE DUNSEATH
FITZWILSON, MARY ELAINE	PATTON, GLADYS RUMMEL
FREY, ELIZABETH NEIMAN	PIERCE, JANE ATHALENE
GESCHWINDT, DOROTHY ELEANORE	RICHARDS, MARY BERTHA
GRACEY, RUTH JANET	RODD, MARY
HAMMER, JEAN BURLAND	RUDINSKY, MILDRED PAULINE
HEALEY, JO ANNE	SCHAEFFER, ELEANOR KATHRYN
HECHT, HELEN S.	SHIDEMANTLE, ELIZABETH JANE
HILL, JEAN STUART	STEINMARK, ALICE
HOWARD, ELIZABETH ANN	STRICKLAND, RUTH ELIZABETH
JOHNSON, FRANCES	SUCCOP, RUTH ANNETTE
JOHNSTON, MILDRED LOUISE	TIEL, ELEANOR ELIZABETH
KENT, PATRICIA MOSS	WEIBEL, MARGARET ELINOR
KINTER, MARY	WELLER, HELEN GLADYS
LAMBING, NATALIE FREEMAN	WELLS, JULIA ANDERSON
LINDSAY, ANNE PITCAIRN	WOLF, CHARLOTTE OLIVE
LONGWELL, MARGARET PATRICIA	WOOLDRIDGE, SUSAN ELIZABETH
MARKS, MARY LINN	ZACHARIAS, SARA JANE

Junior Class—1942

ADAMS, ANNA L.	DAVIES, DOROTHY JANE
ANDERSON, MARGARET	DOBSON, BEATRICE ELIZABETH
ANDREWS, DOROTHY MARY	DRIVER, ANNE KILGOUR
ARMSTRONG, MARDEN	EVANS, DOROTHY LOUISE
BALMER, MARY ELIZABETH	FARIS, JEAN ELIZABETH
BOSTWICK, CAROL GILLETTE	GAHAGEN, BETTY JANE
BURCHINAL, JEAN STURGIS	GLICK, ELEANOR JANE
BURGE, FRANCES	GRAHAM, MARGARET
CHANTLER, JANE LOUISE	HARTER, MARY JANE
CHAPMAN, AILEEN RUTH	HAZELTINE, ELIZABETH
COLBAUGH, BETSY	HERROD, ETHEL LOUISE
CONOVER, BETSY STOUGHTON	HIBBS, MARGARET ELIZABETH
COOPER, GLADYS	HIGGINS, MARJORIE IRENE
COPELAND, ELLEN BLACKBURN	HIRSCH, MARY EMMA
CROFT, ALISON	HORTON, GRACE MARY
CROUCH, VIRGINIA HELEN	HYLAND, MARY JANET
DAVID, MARY PATRICIA	KEISTER, PHYLLIS

MACKEY, MARY ANN
 MAERKER, BARBARA JANE
 MATHENY, MARGARET LOUISE
 MCCLUNC, JANE SCOTT
 MCKAIN, ALICE WOOD
 MCKNIGHT, HARRIET N.
 MILLER, MARY JEAN
 MOORE, HELEN RUTH
 MORSE, KATHRYN ELIZABETH
 MURRAY, JANET RUMSEY
 MYERS, JOAN
 NORRIS, MARJORIE ANNE
 NOTZ, RUTH VERLINDA
 PATTON, RUTH
 PROVOST, ALICE BARRETT
 PURKISS, DOROTHY RUTH
 ROWSE, ELIZABETH MAUDE
 SAYLOR, ANNA BETTY
 SHELLKOPF, HELEN JEAN

SHIPLEY, ELIZABETH ANN
 SHOOK, JESSIE FRANCES
 SINGER, MARY MITCHELL
 SPELLMIRE, MARY ALICE
 STEWART, CLAIRE E.
 STEWART, MILDRED MARGARET
 STRATHEARN, MARY KATHRYN
 SUCCOP, FLORENCE MARIE
 SUNDBERG, ELIZABETH M.
 THOMAS, SALLY ANNE
 VALE, DOROTHY EDITH
 WALLIS, JOYCE JOHNSTON
 WESSEL, EILEEN RUTH
 WHELDON, JULIA FRANCES
 WILMOT, ELIZABETH JANE
 WIRTH, HELEN KATHERINE
 WIRTH, LOIS KATHERINE
 WOOD, MARJORIE ANN
 WOY, MINA MARIE

Sophomore Class—1943

ANDERSON, MARGARET ELIZABETH
 ARCHER, JEAN
 BAER, JANET
 BAKER, ANN CAMERON
 BALLARD, MARGARET ELLEN
 BENZ, SARAH MARGARET
 BLACK, ELEANOR BRICE
 BLUE, PATRICIA FLORENCE
 BOILEAU, MARY J.
 BRISTOR, RUTH
 BROOKS, DOROTHY STEWART
 BROWN, BETTY MAE
 BROWN, HELEN ANN
 BROWNE, BARBARA OAKLEY
 COLE, EDITH
 DEWOODY, JEAN ELIZABETH
 DIETZ, PEGGY
 DITGES, M. VIRGINIA
 DODDS, DORIS
 DOERR, NANCY
 DUCEY, MARY EVELYN
 EVANS, JANE GEORGETTE
 FILIPPELLI, ROSEMARIE
 FISHER, MARY JANE
 FITZPATRICK, MARY JANE
 GARRETT, ELEANOR VAN TINE
 GILLESPIE, VIRGINIA D.
 GILSON, RUTH PHILA
 GOLDBLUM, JANICE LEE

GREY, MARY MORTON
 HALDEMAN, EDNA LOUISE
 HEINZ, BARBARA
 HENDRYX, VIRGINIA CODY
 HENRY, MARY LOUISE
 HORWITZ, CLAIRE MARKS
 HUMPHREYS, JANE ELIZABETH
 HUNKER, JUNE MARIETTA
 HUTCHISON, DORIS LEE
 HYDE, BETTY VANCE
 JANOUCH, MILES MAGDALENE
 KEFFER, ELINOR AILEEN
 KIEFFER, MARION ELEANOR
 LAMBIE, MARIAN LOUISE
 LAPPE, VIRGINIA RUTH
 LAUER, VIRGINIA COLEEN
 LOWE, ALTHEA RUTH
 MALANOS, MARGARET CATHERINE
 MALEY, NINA ARMINTA
 MARONEY, ELIZABETH ANN
 MARSHALL, DOROTHY JANE
 MCCALL, JANE E.
 MCCORMICK, JANET
 MCKAY, AMY ELEANOR
 MEYER, CONSTANCE
 MINNECI, DOROTHY ANNE
 MYERS, JEANNETTE CHRISTINE
 NOONAN, MARJORIE ANN
 RIDER, ZILLAH LOUISE
 ROSS, JANET ELIZABETH
 ROWELL, MARION VIRGINIA

RUDMAN, ELIZABETH AGATHA
 SCHAR, MARGARET EMILY
 SCHWEPPE, MARY BERNADINE
 SILVERSTEIN, GLORIA ANN
 SUMNER, VIRGINIA
 SWEET, PRISCILLA JEAN
 TAYLOR, HELEN JANE
 TEICHMANN, MARIAN AUGUSTA
 VERNON, ELIZABETH ANN

VON FOSSEN, CLARANNE
 WALLACE, LOUISE H.
 WATSON, CATHERINE ANN
 WAYNE, ROSELLA CHARMINE
 WILHELM, ALICE MARION
 WOLF, E. LORRAINE
 WRAGG, MARGARET JANE
 WYRE, JEAN ROBINSON
 ZWARD, MARY LORRAINE

Freshman Class—1944

ALEXANDER, VIRGINIA
 BACON, JEAN
 BAILEY, NORMA LOUISE
 BENDER, JOAN MARY
 BIRRELL, ELIZABETH PHYLLIS
 BIRRELL, SARA JOSEPHINE
 BISTLINE, GLADYS
 BLATTNER, ELEANOR JANE
 BOLTON, MARY VIRGINIA
 BOWDLE, MARTHA JOAN
 BROWNE, MARGARET
 CALDWELL, BARBARA
 CASE, REBECCA JANE
 COHEN, MARION
 CONDIT, CHARLOTTE JEANNE
 CONNER, AGNES M.
 COWAN, ANN JOYCE
 CRAIG, RUTH BROWN
 DeBELLIS, AIDA A.
 DEVLIN, ANNA MAE
 ESLER, ELIZABETH WALKER
 EXLINE, ANNE J.
 FILER, NANCY LOU
 FIRMIN, RUTH EMILY
 FRICK, SALLY W.
 FULTON, EVELYN W.
 GEYER, PORTIA W.
 GLICK, EVELYN D.
 GOLDSTEIN, BETTY FREIDA
 GOOD, MARGARET ANNE
 GORDON, BETSY ANN
 GRAY, JEAN ELIZABETH
 GRAY, VIRGINIA ELIZABETH
 GREEN, LOUISA L.
 GRIFFITH, MARGARET CAROLYN
 HARLAN, MARTHA CECILIA
 HARRIS, AMANDA JOAN
 HARTER, MARJORIE LOUISE
 HERSPERGER, HELEN ELIZABETH
 HORN, KATHERINE ANNE
 HUNT, MARY ELIZABETH
 HUTCHISON, MARTHA
 IRELAND, NELLIE VIRGINIA
 JARDINI, FLORENCE M.
 JENKINS, RUTH A.

JOHNESECU, BETTY MARTHA
 JONES, MARY PHYLLIS
 JORDAN, MARY JANE
 KINDLE, DONNA MAE
 KIRSOPP, DALE
 LAIRD, RUTH
 LANKFORD, NAOMI RUTH
 LEIBOLD, DORCAS ELLEN
 LEONARD, PATRICIA ANNE
 LEWIS, NORMA HELEN
 LOVE, MARIE LOUISE
 LYNCH, RUTH
 MACKIE, HELEN C.
 MATTHEWS, JESSIE BARBARA
 MAXWELL, NANCY JANE
 MAYS, SHIRLEY ANN
 McCLYMONDS, ANN LOUISE
 McCULLOUGH, MARTHA ELLEN
 McKEAG, GLORIA JEANNE
 McLEAN, SUZANNE
 MEANOR, SALLY B.
 MONKS, MARION B.
 PAINTER, LEONA RUTH
 POLLICK, FRANCES LILLIAN
 RAUP, NANCY JANE
 REIBER, MARY LOUISE
 RIDGE, DOROTHY JANE
 RIGAUMONT, JEAN ALICE
 RITCHEY, NANCY REBEKAH
 ROBERTS, MARY D.
 ROSENBLUM, MIRIAM BONNA
 RUCH, KATHLEEN JANE
 SAMPSON, MARY RUTH
 SCHUH, EDNA VIRGINIA
 SCHULTZ, CHARLOTTE H.
 SCHWALB, MARY JANICE
 SHEASBY, LILLIAN MAY
 SHUPP, BARBARA RUTH
 SMITH, HELEN H.
 SPIERLING, ELIZABETH CAROLYN
 SPRINGER, MARION HELEN
 STAUFFER, NANCY M.
 STREM, GERTRUDE MAXINE
 SUPOWITZ, ADELYNE GLORIA
 SWAN, JUSTINE

SWANSON, JANET LOUISE
WALKER, ELIZABETH ANN
WARNER, ELIZABETH E.
WATSON, WINIFRED EVELYN
WEIL, BARBARA M.

WESTON, RUTH B.
WILCOX, MATILDA JANE
WRIGHT, PATRICIA JEAN
YEISER, ELIZABETH LOUISE

Unclassified Students

Candidates for classification as regular students who are carrying twelve hours or more in college classes, but who are deficient in more than six hours for regular classification:

BARCK, ROSEMARY GERTRUDE
BARRY, MARGARET KATHLEEN
BROOKS, MARY JANE
CAMPBELL, MARY ELIZABETH
COOPER, BARBARA
CROYLE, FLORENCE
DASILVA, YVONNE SIMOENS
HORNE, DOROTHY MAE

MAHANEY, MARIANA
MCCOMB, MARY JANE
MCCORMICK, MARY JANE
ORR, MARGARET BLAIR
SOMERS, BARBARA LOUISE
STUART, ROBERTA MUNRO
TROSS, PHYLLIS HELEN
TURNER, MARY LUCETTA

Special Students

Students who have been admitted for special work other than music:

ARMSTRONG, MARY LOU
DALZELL, JEAN REID
DEMMLER, RUTH MATHILDA
HANAUER, JANE
HODGE, FRANCES ALEXANDER

HORSFIELD, ALICE HOLT
LAUGHLIN, MRS. H. H.
MCINTOSH, MILDRED BOONE
RAFFERTY, SALLY
SUNSTEIN, LOUISE

Seniors	50
Juniors	72
Sophomores	78
Freshmen	99
Unclassified	16
Special	10
Music (not taking academic work).....	16
Total in all departments.....	341

Students of Applied Music

BOWDLE, JOAN	McINTOSH, MILDRED
BROWN, HELEN ANNE	McKAY, AMY
BUCHER, MRS. GEORGE	McPARLAND, SALLY COOPER
CAMPBELL, MARY ELIZABETH	MEYER, ALLISON
CAREY, DOROTHY	MOORE, HELEN
COHEN, MARION	MYER, FRED A
COOPER, GLADYS	NORRIS, MARJORIE
DAVIES, JEAN	RITCHEY, NANCY
DITGES, VIRGINIA	ROWSE, ELIZABETH
EISENBERG, MARY K.	SAMPSON, MARY RUTH
FISHER, MARY JANE	SCHAFER, ELEANOR
FULTON, EVELYN	SCHUH, EDNA
HALDEMAN, LOUISE	SNYDER, MARJORIE
HANAUER, JANE	SPIERLING, ELIZABETH
HENDERSON, HELEN RUTH	STEVENSON, MARY MOODY
HUNKER, JUNE	STEWART, CLAIRE
IRELAND, NELLIE	SUCCOP, FLORENCE
JENKINS, MARY ELIZABETH	SULLY, EDITH
KEIFFER, MARION	VERNON, BETTY
KEISTER, PHYLLIS	VON FOSSEN, CLARANNE
KIRSOPP, DALE	WATSON, JEAN
LAWSON, GERTRUDE	WELLS, JULIA
LINDSAY, ANNE	WESSEL, EILEEN
MARKS, MARY LINN	WILHELM, ALICE
	WILLIAMS, ALICE

Alumnae

The Alumnae Association

The Alumnae Association of Pennsylvania College for Women was organized in 1876. In January 1926, an office was established at the College and a part-time secretary employed. Two regular meetings of the association are held every year in October or November and the Saturday preceding Commencement.

Each year the Association gives several scholarships to the College, and maintains a small loan fund to assist worthy students. In 1935 the Association adopted the Alumnae Fund system in place of the older method of collecting fixed dues. As a result of this plan, the Alumnae have been able to make a substantial gift to the College each year since its adoption.

The Alumnae Recorder, containing news of the College and its graduates, and *The Alumnae Register* are issued by the Association at appointed intervals.

OFFICERS

LOUISE GRAHAM BROWN.....	President
MARY SHANE MUIR.....	First Vice President
HELEN BIRMINGHAM PROCTOR.....	Second Vice President
RACHEL STEVENSON BAIR.....	Treasurer
MARY JANE MCCUTCHEON GUY.....	Recording Secretary
AMELIA AIELLO CANGI.....	Corresponding Secretary
MARGARET F. PERRY.....	Alumnae Secretary
ELIZABETH BURT MELLOR.....	Alumnae Trustee

Alumnae Clubs

In districts where a large number of graduates are living, P.C.W. clubs have been organized. The existing clubs and their presidents are listed below:

CLEVELAND—Mrs. Donald Maxwell [Christine Griggs, ('27)],
3479 St. Albans Road, Cleveland Heights.

DETROIT—Miss Imogene Armstrong ('20), 2933 W. Chicago Blvd.,
Detroit.

GREENSBURG—Mrs. Todd Truxal [Helen Steele ('16)], 119 Arch Street.

NEW YORK—Mrs. I. B. Caris [Olive Weihe (Spec. '10-'11)], 73 Ely Place, E. Orange, N. J.

PHILADELPHIA—Mrs. Edwin Matlack [Sara Reamer ('30)], 1118 Yeadon Avenue, Yeadon.

UNIONTOWN—Mrs. William Springer [Sarah Chisholm ('25)], 333 Elizabeth Street.

WASHINGTON, PA.—Mrs. Malcolm Hazlett [Velma Duvall ('30)], 1300 Jefferson Street.

Alumnae Representatives

To disseminate information about Pennsylvania College for Women in communities distant from Pittsburgh, to confer with prospective students and their parents, and to assist the College in selecting the most desirable applicants from their own localities, Alumnae Representatives have been appointed by the college in the following states and districts:

CALIFORNIA—Mrs. John Alden Randall [Marjorie Chubb ('38)], 213½ S. Olive Avenue, Alhambra.

CONNECTICUT—Mrs. Francis Wilcox Potter [Mary Louise Towar ('30)], 1889 Asylum Street, West Hartford.

DISTRICT OF COLUMBIA—Mrs. William C. Bond [Clara Boyd ('29)], 6809 Exfair Road, Bethesda, Maryland.

FLORIDA—Miss Jane B. Evans ('31), 2908 Royal Palm Avenue, Miami Beach.

GEORGIA—Mrs. Joseph C. Harvard [Mary MacLaughlin ('22)], 1237 Gordon Street, S. W., Atlanta.

ILLINOIS—Mrs. Thaddeus E. Hackett, Jr. [Virginia Glandon ('27)], 523 Belden Avenue, Chicago.

KENTUCKY—Miss Augusta Rogers ('19), Catlettsburg.

MARYLAND—Mrs. Joseph E. Lee, Jr. [Elizabeth Davidson ('28)], 704 Hatherleigh Road, Stoneleigh, Baltimore.

MASSACHUSETTS—Mrs. Risher Dunlevy [Frances Ray ('27)], 120 Stedman Street, Brookline.

MICHIGAN—Mrs. John T. Gallatin [Sophie Gribble ('23)], 88 Sunningdale Drive, Grosse Pointe Shores.

Miss Imogene Armstrong ('20), 2933 W. Chicago Boulevard, Detroit.

NEW JERSEY—Mrs. Henry A. McCracken [Eleanor Fulton ('26)], 328 Park Avenue, Newark, New Jersey.

NEW YORK—Mrs. William G. Rohlfss [Emelyn Taylor ('27)], 91 Kirkwood Avenue, Merrick, L. I.

OHIO—Mrs. J. Byers Hays [Charlotte Hunker ('18)], 2341 Delaware Road, Cleveland Heights.

Mrs. Duane E. Banks [Josephine Pyle ('28)], 356 Kenilworth Drive, Akron.

OKLAHOMA—Mrs. William A. Kraus [Harriet Hill ('22)], 1220 Johnstone Avenue, Bartlesville.

OREGON—Mrs. Kelmar K. LeMaster [Lila Osborne ('27)], 3831 N.E. 69th Avenue, Portland.

PENNSYLVANIA—Mrs. Charles Noyes [Martha Crandall ('17)], R.D. No. 1, Butler.

Miss Mary Jane Dom ('29), 150 Westmoreland Avenue Greensburg.

Miss Doris Thomas ('31), 125 Warren Street, West Pittston.

Mrs. Pierce Gilbert [Virginia Wilcox ('20)], 407 Park Avenue, Swarthmore.

Mrs. E. J. Thompson [Harriet Barker ('23)], 911 Presqueisle Street, Philipsburg.

Mrs. Burley Emerick [Marybelle Carroll ('27)], 11 Lenox Street, Uniontown.

Miss Martha Branch ('37), 308 Fourth Avenue, Warren.

TENNESSEE—Mrs. Clifford Barbour [Laura Taber ('19)], 623 Scenic Drive, Knoxville.

WEST VIRGINIA—Mrs. Millard Sisler [Florence Keys, ('12)], 301 Wagner Road, Morgantown.

The Alumnae Council

The Alumnae Council is composed of alumnae members of the College Board of Trustees, members of the Executive Board, chairmen of all committees, the appointed Alumnae Representatives, members from each alumnae class and alumnae club as well as a limited number of associate alumnae.

A conference is held at the College the week-end before the P.C.W. spring vacation.

The purposes of the council are to keep alive the loyalty of alumnae and enlist their active interest in and support of their alma mater, to keep in close touch with the administration of the College and communicate to the alumnae the progress and needs of the College, and to formulate recommendations to be presented at the June meeting of the Alumnae Association for the adoption of policies which will promote the best interests and welfare of the Alumnae Association and the Pennsylvania College for Women.

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PENNSYLVANIA COLLEGE
FOR WOMEN
BULLETIN

ANNOUNCEMENTS FOR
1942-1943

REGISTER OF FACULTY AND STUDENTS FOR
1941-1942

PITTSBURGH, PENNSYLVANIA
MARCH 1942

Calendar

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Correspondence

IN the list below are the names and addresses of persons to whom inquiries of various types should be sent. The post office address is Pittsburgh, Pennsylvania.

Correspondence regarding the general interests of the College should be addressed to **THE PRESIDENT OF THE COLLEGE**.

Requests for catalogues, inquiries regarding admission to the College and the reservation of rooms in the halls of residence as well as inquiries regarding the academic work of students, their withdrawal from College, leaves of absence, scholarships and loan funds should be addressed to **THE DEAN OF THE COLLEGE**.

Correspondence relating to the business matters of the College and payment of College bills should be addressed to **THE ASSISTANT TREASURER**. Checks should be made payable to the **PENNSYLVANIA COLLEGE FOR WOMEN**.

Correspondence relating to the publicity of the College should be addressed to **THE DIRECTOR OF PUBLICITY**.

Requests for transcripts of records should be addressed to **THE RECORDER**.

Correspondence relating to the alumnae of the College should be addressed to **THE SECRETARY OF THE ALUMNAE ASSOCIATION**.

Those wishing to get in touch with an **ALUMNAE REPRESENTATIVE** living near their home should consult pages 93-95 for the address.

College Calendar

Academic Year—1941-42

REGISTRATION FOR FRESHMEN	9:00 A.M.-11 A.M., Monday, September 22
FRESHMAN ORIENTATION PROGRAM	September 22-24
REGISTRATION FOR ALL OTHER STUDENTS	9:00 A.M.-4 P.M., Tuesday, September 23
OPENING OF 71ST ACADEMIC YEAR	Wednesday, September 24
THANKSGIVING RECESS	from 12:30 P.M., Wednesday, November 26 to 8:30 A.M., Monday, December 1
CHRISTMAS RECESS	from 12:30 P.M., Friday, December 19 to 8:30 A.M., Tuesday, January 6
MID-YEAR EXAMINATIONS	January 22-January 30
SECOND SEMESTER BEGINS.....	Tuesday, February 3
SPRING RECESS	from 12:30 P.M., Friday, March 27 to 8:30 A.M., Tuesday, April 7
MEMORIAL DAY, HOLIDAY.....	Saturday, May 30
FINAL EXAMINATIONS	May 27-June 5
COMMENCEMENT	Monday, June 8

Academic Year—1942-43

REGISTRATION FOR FRESHMEN.....	9:00 A.M.-11 A.M., Monday, September 21
FRESHMAN ORIENTATION PROGRAM	September 21-23
REGISTRATION FOR ALL OTHER STUDENTS	9:00 A.M.-4:00 P.M., Tuesday, September 22
OPENING OF 72ND ACADEMIC YEAR	Wednesday, September 23
THANKSGIVING RECESS	from 12:30 P.M., Wednesday, November 25 to 8:30 A.M., Monday, November 30
CHRISTMAS RECESS.....	from 12:30 P.M., Friday, December 18 to 8:30 A.M., Tuesday, January 5
MID-YEAR EXAMINATIONS	January 21-29
SECOND SEMESTER BEGINS	Tuesday, February 2
SPRING RECESS	from 12:30 P.M., Friday, March 26 to 8:30 A.M., Tuesday, April 6
FINAL EXAMINATIONS	May 26-June 4
COMMENCEMENT	Monday, June 7

NOTE: Classes are omitted Junior Prom Saturday.

Board of Trustees

Officers

ARTHUR E. BRAUN.....	President
RALPH W. HARBISON.....	First Vice-President
JAMES E. MACCLOSKEY, JR.....	Second Vice-President
MRS. CHARLES H. SPENCER	Secretary
PEOPLES-PITTSBURGH TRUST CO. OF PITTSBURGH.....	Treasurer

Members

Term Expires 1942

CHARLES F. LEWIS	MRS. ELIZABETH BURT MELLOR
MRS. JOHN R. McCUNE	MRS. ALEXANDER MURDOCH
HERBERT L. SPENCER	

Term Expires 1943

WILLIAM P. BARKER	GEORGE D. LOCKHART
ARTHUR E. BRAUN	MRS. GEORGE WILMER MARTIN
ALEXANDER C. ROBINSON	

Term Expires 1944

FREDERICK G. BLACKBURN	JAMES E. MACCLOSKEY, JR.
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Administration

Officers of Administration

HERBERT L. SPENCER, Ph.D.....	President
MARY HELEN MARKS, L.H.D.....	Dean
HARRIET D. McCARTY, A.B.....	Librarian
JOSEPHINE CAMPBELL, A.B.....	Field Representative
VERA L. MOWRY, A.M.....	Secretary of the 1940 Building and Endowment Fund
HAZEL COLE SHUPP, Ph.D.....	Director of Publicity
MARY IDA McFARLAND, A.B.....	Recorder
INA V. HUBBS, B.S.....	Assistant Librarian
DOROTHY H. WATKINS, A.M.....	Secretary to the Dean
SARA JANE ANDERSON, A.B.....	Secretary to the President

Faculty

HERBERT L. SPENCER.....	President
B.S., Carnegie Institute of Technology; A.M., Ph.D., University of Pittsburgh	
MARY HELEN MARKS.....	Dean
A.B., Smith College; A.M., L.H.D., Pennsylvania College for Women	
VANDA E. KERST.....	Professor of Speech and
Head of the Department of Speech	
Heidelberg University; special training at Curry School of Expression, University of Chicago, University of Wisconsin, University of London, Speech Institute of London	
CARLL W. DOXSEE.....	Professor of English and
Head of the Department of English	
A.B., A.M., Wesleyan University; Ph.D., Princeton University	

- JAMES S. KINDER.....Professor of Education and
Head of the Departments of Education and Psychology
B.S., Southeast Missouri Teachers College;
A.M., Ph.D., Columbia University
- ANNA L. EVANS.....Professor of History and
Political Science and Head of the Department of History
A.B., Oberlin College; A.M., Smith College
Ph.D., Columbia University
- EARL K. WALLACE.....Professor of Chemistry and
Head of the Department of Chemistry and Physics
B.S., Pennsylvania State College; A.M., Ph.D., Columbia University
- HELEN CALKINS.....Professor of Mathematics
and Head of the Department of Mathematics
A.B., Knox College; A.M., Columbia University;
Ph.D., Cornell University
- EDWARD W. MONTGOMERY.....Professor of Sociology
and Head of the Department of
Sociology and Economics
A.B., Parsons College; A.M., Ph.D., University of Chicago
- NITA L. BUTLER.....Professor of
Greek and Latin and Acting Head of the
Department of Classical Languages
A.B., A.M., Ph.D., University of Michigan
- MARY I. SHAMBURGER.....Assistant Professor of English
A.B., Guilford College; A.M., Columbia University
- LABERTA DYSART.....Assistant Professor of History
A.B., University of Nebraska; A.M., Columbia University
- EFFIE L. WALKER.....Assistant Professor of History
A.B., George Washington University; A.M., Columbia University
- HELENE WELKER.....Assistant Professor
of Music and Chairman of the Department of Music
A.B., Hunter College; graduate, Institute of Musical Art, New York
City; graduate study with Ernest Hutcheson, Harold Bauer, and
Lazare Lévy in Paris
- MARGARET ROBB.....Assistant Professor of Speech
A.B., Geneva College; A.M., University of Iowa;
Ph.D., Columbia University
- MARION THURSTON GRIGGS.....Assistant Professor of French
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh

- LILLIE B. HELD.....Assistant Professor of Music
A.B., Carnegie Institute of Technology; A.M., Columbia University
- ELIZABETH PIEL.....Assistant Professor of German
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- DOROTHY M. ANDREW.....Assistant Professor of Psychology
A.B., A.M., Ph.D., University of Minnesota
- *DOROTHY A. SHIELDS.....Assistant Professor of Economics
and Sociology
A.B., Goucher College; A.M., Ph.D., University of Pittsburgh
- HAZEL COLE SHUPP.....Assistant Professor of English
A.B., Colby College; Ph.D., Yale University
- MARGUERITE MAINSSONNAT OWENS.....Assistant Professor
of French
B.S., Cours Louis Marin, Paris; Certificat pédagogique, Paris; Ecole
des Hautes Etudes, Sorbonne; A.M., Hamline University
- PHYLLIS COOK MARTIN.....Assistant Professor of
Biology and Acting Head of the Department of Biology
B.S., M.S., University of Pittsburgh; Ph.D., University of Illinois
- MARGARET T. DOUTT.....Assistant Professor of Biology
B.S., M.S., University of Pittsburgh; Ph.D., Michigan State College
- HELEN G. ERRETT.....Assistant Professor of Physical Education
A.B., Pennsylvania College for Women; A.M., Columbia University
- HANNA GUNDERMAN.....Assistant Professor of Secretarial Studies
A.B., Muskingum College; M.Ed., University of Pittsburgh
- N. R. HIGH MOOR.....Lecturer in Religious Education
B.L., M.A., Kenyon College; D.D., Bexley Theological Seminary
- HAROLD L. HOLBROOK.....Lecturer in Education and
Director of the Adjustment Institute
B.S., University of Pittsburgh; Ph.D., Yale University
- JOHN D. BEATTY.....Lecturer in Personnel Practices
B.S., C.E., Carnegie Institute of Technology
- †OLIVE O. HARRIS.....Instructor in Education
B.S., Columbia University; M.Ed., University of Pittsburgh

*On leave of absence, first semester 1941-42.

†Part time only.

- †RALPH LEWANDO.....Instructor in Violin
Studied at Royal Imperial Conservatory of Vienna under Sévcik;
attended Vienna University, studied with Leopold Auer
- RUTH ELEANOR STAPLES.....Instructor in Spanish
A.B., A.M., University of Pittsburgh
- †EARL B. COLLINS.....Instructor in Organ
Mus.B., Syracuse University
- GERTRUDE N. AYARS.....Instructor in Voice
Mus.B., Kansas City Conservatory of Music; studied under Hageman
and under Gabrielle Chriseman in Nice; coached with Jean deReszke
- †VIVIAN M. RAND.....Instructor in English
B.S., University of Alabama; A.M., University of North Carolina
- †SAMUEL ROSENBERG.....Instructor in Applied Art
National Academy of Design, New York; A.B., Carnegie Institute
of Technology; First Honor, Associated Artists of Pittsburgh
- †ELMER E. STICKLEY.....Instructor in Physics
B.S., Carnegie Institute of Technology; M.S., University of Pittsburgh
- ALLEN W. SCHOLL.....Instructor in Chemistry
B.S., Ashland College; M.S., Ph.D., Pennsylvania State College
- ELEANOR J. GRAHAM.....Instructor in Physical Education
A.B., Oberlin College; M.Ed., University of Pittsburgh
- IRMA AYERS.....Instructor in Home Economics
B.S., West Virginia University
- MARION E. LASKEY.....Instructor in Biology
A.B., University of Pennsylvania
- T. T. CHARLTON.....Instructor in Rifle
- W. R. McKAY.....Instructor in Golf
- ‡KENNETT W. YEAGER.....Instructor in Economics and Sociology
B.A., A.M., University of Pittsburgh
- PESCHA KAGAN.....Visiting Artist
Pianist, radio artist; has appeared as soloist with major symphony orchestras
- †Part time only.
- ‡Substitute for Miss Shields, first semester 1941-42.

School of Nursing—Allegheny General Hospital

MILDRED I. LORENZ, B.S., M.A., R.N.....Director of Nurses and
Principal of School of Nursing
University of Cincinnati

ESTHER M. THOMPSON, B.S., A.M., R.N.....Educational Director
University of Minnesota, Columbia University

Other Officers

ETHEL C. BAIR, A.B.House Director, Woodland Hall

CHESTER C. O'NEIL.....Superintendent of Buildings and Grounds

ANNA E. WEIGAND.....Manager of Book Store

KATHERINE L. HARRISON, R.N.Resident Nurse

GLADYS HOWELL.....Accountant

DR. IRENE D. FERGUSON.....College Physician

DR. T. GORDON FERGUSON.....College Physician

MRS. MARION M. BENN.....House Director, Berry Hall

MARGARET F. PERRY, A.B.....Alumnae Secretary

MRS. SAMUEL A. GILMORE....House Director, Andrew Mellon Hall

MARY JANE DALEY, A.B.....Librarian, P.C.W. Film Service

ETTA MUELLER.....Assistant Accountant

With the exception of the President and the Dean, the
names in each group are arranged in order of appointment.

Standing Committees

Faculty

- ADMISSIONS—Dean Marks, Miss Campbell, Mr. Kinder, Miss McFarland, Mrs. Watkins
- ADVISORY—The President, the Dean, Secretary of the Faculty, Miss Andrew, Miss Dysart, Mrs. Martin, Mr. Montgomery
- CHAPEL—President Spencer, Dean Marks, Miss Anderson, Mr. Collins, Miss Kerst, Mr. Montgomery, Miss Mowry, Miss Robb, Mrs. Shupp, Miss Welker
- CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Kerst, Mr. Wallace, Miss Welker, Dean Marks and President Spencer, *ex officio*
- HONORS BOARD—Dean Marks, Miss Piel, Mrs. Shupp, Miss Walker, Mr. Wallace
- LIBERAL ARTS—Dean Marks, Miss Ayers, Mrs. Martin, Mr. Montgomery, Mrs. Owens, Miss Welker
- LIBRARY—Miss McCarty, Miss Butler, Mrs. Douth, Miss Errett, Miss Shamburger
- PUBLIC EVENTS—Dean Marks, Mrs. Ayars, Miss Held, Miss Howell, Miss Kerst, Miss Robb, Mrs. Spencer, Mrs. Watkins
- PUBLICATIONS—Mrs. Shupp, Miss Anderson, Miss Campbell, Miss Gunderman, Dean Marks
- SCHOLARSHIP—Dean Marks, Miss Dysart, Miss Evans, Mrs. Rand, Miss Robb, Miss Shamburger, Miss Staples, Mr. Wallace, Miss McFarland, *ex officio*

Faculty-Student

- FACULTY-STUDENT COUNCIL—President Spencer, Dean Marks, Miss Andrew, Miss Laskey, Miss Walker. Student membership: President and first and second vice-presidents of the Student Government Association, Presidents of Woodland Hall and Andrew Mellon Hall, class presidents, President of the Young Women's Christian Association, President of the Athletic Association, Editors of *The Arrow*.
- FACULTY-STUDENT CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Campbell, Mr. Doxsee, Miss Evans, Miss Griggs, Miss Kerst, Mr. Wallace, Miss Welker, Dean Marks and President Spencer. Student membership: A senior chairman and one member chosen from each of the four classes.

Pennsylvania College for Women

PENNSYLVANIA COLLEGE FOR WOMEN is a college of liberal arts and sciences, conferring the degrees of Bachelor of Arts and Bachelor of Science. It offers instruction in the basic fields of knowledge and seeks to prepare its students for intelligent participation in the social order. It equips students who wish to undertake graduate study or professional work with a sound foundation for their future activities, and provides others who do not wish to take graduate work or to prepare for a profession with a broad general education. The College is non-denominational and welcomes students of all faiths. Because it is a small college, Pennsylvania College for Women is able to maintain an informal and friendly relationship between students and faculty that is conducive to good scholarship and personal development. Students are expected to live in college dormitories or in their own homes, unless special permission has been given directly from the Dean for any other living arrangements.

Foundation

The College was founded in December 1869, under the leadership of Dr. W. T. Beatty, pastor of the Shadyside Presbyterian Church. Originally a Presbyterian college, P.C.W. has since become non-denominational. The College motto is "That our daughters may be as cornerstones, polished after the similitude of a palace."

Development

All College activities originally took place in the residence now known as Berry Hall, which was named in honor of its former owner. Dilworth Hall, named for the largest contributor toward the construction of the building, was erected in 1888. A preparatory school known as Dilworth Hall was connected with the College in its early years but was discontinued in 1916. A gymnasium and music hall were next added to the group of buildings on the campus. When the increased enrollment made it imperative to erect a new dormitory,

Woodland Hall was built. The Louise C. Buhl Hall of Science, which is unusually well equipped, and the beautiful James Laughlin Memorial Library were completed in 1932. A campaign for \$1,500,000 for building and endowment is now in progress. Plans are being made for a new administration building, gymnasium, and auditorium. In July, 1940, Mr. Paul Mellon gave to the college his beautiful Woodland Road estate, adjacent to the college campus, in memory of his father, the late Andrew W. Mellon. The spacious home is called Andrew Mellon Hall, and it has already become the social center for the college, the center for student activities, an upper-class dormitory, and headquarters for the classes in Home Economics. Another building on the Mellon estate is used for an Art Center.

Environment

Pennsylvania College for Women is situated on a hill crest of quiet, residential Woodland Road. The beautiful, twenty-acre campus provides a natural amphitheatre for May Day fetes and ample grounds for athletic fields. The College is fifteen minutes from the Civic Center of Pittsburgh where students may enjoy concerts by the world's outstanding musicians, visit the galleries housing the paintings of the International Art Exhibition, and take advantage of the many resources of the Carnegie Library and Museum.

Affiliation

The College is included in the accepted list of the Association of American Universities, and is on the accredited list of the Middle States Association of Colleges and Secondary Schools, and the American Association of University Women.

Admission of Students

Admission to the Freshman Class

THE factors to be taken into consideration in the admission of students are: quality of preparation, amount of preparation, endorsement of the secondary school, personal qualifications, an interview (wherever possible), and scholastic aptitude. The Committee on Admissions places greater emphasis on the quality of work done and the general fitness of the applicant for college work than on the number of units offered in specific subjects. A unit implies the study of a subject for a time equivalent to five periods a week for one year.

Candidates may apply for admission under one of the following plans:

- I. A graduate of an accredited secondary school should present fifteen units, of which three units must be in English. Of the remaining twelve units, nine are required from the following fields: (1) Language: Latin, Greek, French, German, Italian, Spanish; (2) Mathematics: Algebra, Plane Geometry, Trigonometry; (3) Science: Biology, Botany, Chemistry, Physics, Zoology; (4) Social Studies. The other three units should be from subjects listed above. Any exceptions to this plan are subject to the approval of the Committee on Admissions. Special emphasis is placed upon the work of the upper three years in the secondary school. If foreign language is presented for entrance, at least two units in one language should be submitted.
- II. Students graduating from accredited high schools in the state of Pennsylvania which are organized on the three-year senior high school basis must present a minimum program of thirteen units in the tenth, eleventh, and twelfth years, to be distributed as follows: (1) three units in English; (2) six units from the fields of Mathematics, Science, Social Studies, or Foreign Languages, with not less than two units in each field offered; (3) four units which may be presented as single units in the fields mentioned above; or two units from the above fields and two units elected from other fields.
- III. Applicants from progressive public and private secondary schools who have shown superior ability in their high school work, but who cannot present the proper units for admission, may avail themselves of the opportunity of admission by examination. This

examination will be a scholastic aptitude test. Note: This examination requirement does not apply to students coming from the group of Progressive Schools recommended by the Progressive Education Association, whose graduates we have agreed to accept on the same basis as students applying under (1), without examination.

Admission Procedure

An applicant for admission to the freshman class should write to the Dean of Pennsylvania College for Women for an application blank. When this has been returned to the college, together with the \$10.00 application fee, the college will send a form to the secondary school on which the academic record of the student will be recorded. This form should be sent to the college as early as possible in the student's secondary school course. Letters of recommendation will also be secured by the college from the high school.

When the preliminary records have been received and found satisfactory, the high school will send to the college a record of the final grades. When this has been received and approved, the applicant will be notified of her acceptance into the freshman class.

Additional information will be sent the accepted student during the summer before entrance concerning choice of courses, and the opening days of college.

Proficiency tests will be given all members of the freshman class during the first week of college in September. These are in no sense entrance tests, but will be helpful to the college in the placement of students in certain courses, or in certain sections of courses.

Each applicant for admission to the freshman class should read carefully the objectives of the college on page 17 and the courses offered, and should feel free to write to the Dean for any additional information, or for an explanation of any material in the catalogue.

Admission to Advanced Standing

Students who present credits from other accredited colleges whose entrance requirements and whose courses of study are equivalent to those of Pennsylvania College for Women may be admitted to advanced standing without examination.

Candidates for admission on advanced standing will be given tentative standing which will be made permanent after the satisfactory completion of one year's work in Pennsylvania College for Women.

An applicant for admission to advanced standing should observe the following procedure:

1. File an application on a form to be secured from Pennsylvania College for Women.
2. Send a statement giving the reason for leaving the present college, the reason for choosing Pennsylvania College for Women, and indicating the major subject.
3. Have the present college send an official transcript of the work taken there up to the time of making application.
4. Send a marked copy of the catalogue of the college attended, indicating the courses for which credit is desired.
5. Request the Dean of Women to send to the Dean of Pennsylvania College for Women a letter of personal recommendation.
6. At the close of the semester when entrance is desired, have the present college send,
 - (a) A final transcript of record.
 - (b) A statement of honorable dismissal.

Candidates for the degree of Bachelor of Arts must spend at least the senior year at Pennsylvania College for Women.

Admission of Special Students

Students of maturity are permitted to enter classes for which their previous training and experience have qualified them. Arrangements should be made by a personal interview with the Dean. Such students are subject to the same requirements as other students as to attendance, examinations, standing in class, and general regulations, if credit is desired for the work taken.

The Program of Studies

THE program of studies of Pennsylvania College for Women is designed to equip and train women to live vitally and responsibly in contemporary life. Such a program necessitates broad concepts of woman's part in the spiritual and civic life of home and community. A recent revision of the curriculum divides the program into two parts: the Lower Division, freshman and sophomore years, during which the student acquaints herself with many fields of human thought; and the Upper Division, junior and senior years, during which she concentrates in a field of particular interest.

Lower Division

The specific aims of the Lower Division are to assist the student:

1. To acquire effective habits and methods of study.
2. To acquire a wide range of information necessary to critical and objective thinking.
3. To develop artistic and aesthetic appreciation.
4. To acquire ability to make social adjustments.
5. To develop and maintain physical and mental health.
6. To stimulate intellectual curiosity and resourcefulness.
7. To prepare for intelligent and fruitful participation in the immediate and larger social order.
8. To foster spiritual and philosophical attitudes.
9. To discover and develop her own capacities and interests.

In order to meet the above stated objectives, the curriculum of the Lower Division is arranged in four groups:

GROUP I—*Arts*: Art, English language and literature, music, speech.

GROUP II—*Foreign Language and Literature*: French, German, Greek, Italian, Latin, Spanish.

GROUP III—*Sciences*: Astronomy, biology, botany, chemistry, geology and geography, home economics, mathematics, physics, psychology, zoology.

GROUP IV—*Social Studies*: Economics, education, history, philosophy, political science, religion, sociology.

Specific Requirements of the Lower Division

The specific requirements of the Lower Division are: English 1-2 (a freshman year requirement), Speech 1-2, one year of a laboratory science, and two year-courses in physical education, including hygiene in the freshman year.

Students may secure exemption from the Speech requirement by applying for permission to take the proficiency test in this subject to be given at entrance and at the beginning of each successive semester.

Foreign Language Reading Test

All students must pass a reading test in one foreign language before graduation, preferably by the end of the sophomore year. If this requirement is not satisfied by the end of the sophomore year, the student is expected to register for a course in the language the junior year. Entering students may make application to take this reading test if they have had superior language preparation. Lower division students earning exemption from the language requirement need not choose another subject from Group II unless they wish to do so. These tests are given twice a year—at the opening of the college year in September and in May.

Freshmen will register for five courses, one to be selected from each of the four groups and one at large.

Sophomores will register for five courses, one to be selected from each of three groups and two at large. No student may select more than two courses from any one group.

A student in the Lower Division may elect courses from the Upper Division, provided her preparation has fitted her for more advanced work, or provided she has a special interest in a particular field. A student in the Upper Division may occasionally elect courses from the Lower Division, if her adviser considers such courses essential to her chosen field of study.

Students taking applied music for credit will be given special consideration to the extent that certain group requirements may be postponed.

The schedules of students in the Lower Division will be under the supervision of the Dean. At the end of the sophomore year each student will choose her major field. The head of her major department will then be her adviser.

In order to qualify for admission to the Upper Division a student must attain the required quality point average in the Lower Division work. No certificate will be given upon completion of the Lower Division.

Upper Division

The objectives for the Upper Division, in addition to the continuation of those in the Lower Division, are:

1. To provide opportunity for the expression and development of creative ability.
2. To permit concentration in the field of the student's special interest and ability.
3. To give opportunity for vocational and professional preparation.
4. To provide a general college education for students who plan no further formal education.
5. To encourage students to continue their own education and to relate their knowledge and training to life—or to living.

Majors

Students gaining admission to the Upper Division may select a major from the following fields: biology, chemistry, inter-departmental science (natural science and pre-medical), education, English language and literature, home economics, modern language and literature, classical language and literature, history, mathematics, music (applied music and musical theory), psychology, sociology and economics, and speech.

Each department has its special requirements to which sufficient electives are added to complete the requisite number of hours for graduation. Students must select at least 12 semester hours of their major work from Upper Division Courses. Major requirements are listed at the beginning of the course offerings in each department.

Liberal Arts Major

Provision is made for a Liberal Arts Major. This major is offered for the student who does not plan to pursue graduate study. It cuts across departmental lines, making possible many combinations of courses. The Liberal Arts Majors will be under the supervision of an Advisory Committee, consisting of the Dean as Chairman, and one faculty member chosen from each of the four groups.

Each Liberal Arts Major must present a definite course pattern for approval by the faculty committee in charge of these majors, at the close of the sophomore year, and must select thirty semester hours from courses numbered over 100.

SUGGESTED PROGRAMS FOR THE LIBERAL ARTS MAJOR: A major in the following fields may be built up from a combination of subjects selected from those listed under each heading. Selection should be made with reference to the student's interests and objectives.

1. *Modern Community.* Contemporary history, economics, sociology, psychology, consumers' problems, child welfare, eugenics and euthenics, hygiene, genetics, contemporary art, religion, contemporary British and American poetry, music, art, etc.
2. *American Civilization.* American government, U. S. history, political science, sociology, labor problems, economics, the family, eugenics and euthenics, hygiene, psychology, music, art, American literature, etc.
3. *Home Making.* Family, child psychology and child development, genetics, eugenics and euthenics, hygiene, mental hygiene, chemistry, descriptive physics, bacteriology, educational psychology, consumers' problems, music, art, mathematics of finance, clothing and textiles, foods and nutrition, home management, home furnishings, etc.
4. *Comparative Literature.* English, French, German, Spanish, Italian literature.

Other combinations may be arranged to suit interests of the particular student involved.

Honors Work

A system of honors work provides an opportunity for individual study for the exceptional student.

The governing board of the system of honors work, called the *Committee on Honors Work*, consists of four members from the faculty, representing the four curriculum groups, who are appointed by the President and the Dean, both of whom are members of the Committee.

Students Eligible for Honors Work

Honors work is permitted only to students who have shown themselves to be capable of individual and intensive work, and who have an average of B. The field of honors work is defined as broadly as possible, so that the student may read in subjects related to her major subject. It is not considered research work.

In general, not more than ten per cent of any class can be eligible for honors work. It may happen in a certain year that there will be no students in a given field who will qualify for the work; in other years there may be more than one. The only basis for selecting students is ability plus achievement.

Selection of students who shall do honors work is based on one of the following plans:

1. A student may be recommended by a majority of the members of the faculty with whom she has had class work.
2. A student may apply for honors work on her own initiative, in which case the recommendation of the majority of the members of the faculty with whom she has previously worked must be obtained by the Committee before she is eligible to be considered.

One of the standards by means of which decision shall be made shall be a scholastic aptitude test.

The Committee has the sole power to decide on the qualifications of the student on the basis of her record, the recommendations of her teachers, and the scholastic aptitude test. In the event that a student is voted by the Committee eligible for honors work, she is notified to that effect. She may or may not choose to do honors work.

Procedure for Honors Work

Honors work is confined to the senior year, with six hours of credit a semester for the work. Recommendations are made to the Committee by members of the faculty on the basis of the first three years' work of the student concerned. Having decided to do honors work, the student chooses from the faculty, with the approval of the Committee, the person she wishes to direct her work. This person has charge of the program of the student, again with the approval of the Committee, and meets the student at least once a week for conference during the time she is doing honors work. Other members of the faculty than the director may be asked, by the student herself if she so desires, to give information or aid in such subjects as may seem significant to the project undertaken. A weekly seminar is conducted by members of each department which candidates for both special and general honors are required to take.

The student doing honors work is required to do nine credit hours a semester of class work during the time she is doing honors work. That is, she is allowed six credit hours a semester for her honors work

Special Commencement Honors

The student who has completed honors work, submitted a satisfactory paper, and passed a comprehensive examination covering the subject matter of her field of study, is eligible for special Commencement honors.

General Commencement Honors

Three classes of general honors—Summa Cum Laude, Magna Cum Laude, and Cum Laude—are awarded to those members of the graduating class whose grades are sufficiently high. Only those students are eligible for General Commencement Honors who have passed comprehensive examinations in May, and have taken the seminar provided for such students. The comprehensive examination is the same as given to the students reading for special honors.

Sophomore Honors

Honors are awarded at the end of the sophomore year to the ten members of that class having the highest average in the work of the first two years.

Academic Regulations

The Degree of Bachelor of Arts

STUDENTS are recommended for the degree of Bachelor of Arts upon the satisfactory completion of one hundred and twenty semester hours of academic work, together with eight hours in Physical Education and Hygiene. The usual schedule consists of fifteen hours for each semester exclusive of the requirement in Physical Education.

A certain quality grade is required for graduation and, for the purpose of determining this quality grade, numerical values called "points" are given to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point. In order to be recommended for the degree of Bachelor of Arts a student must have a cumulative average of C for her one hundred and twenty hours. Students who do not have a cumulative average of C at the end of the third year will be advised not to enter the senior class.

The Degree of Bachelor of Science

Students are recommended for the degree of Bachelor of Science upon the satisfactory completion of the five-year nursing course and the course in Dietetics.

Conditions and Failures

A student who receives a condition in any subject at the end of the semester may remove this condition by prescribed work and re-examination at the time set for special examinations in the spring or in the fall, or by the repetition of the course when next regularly given.

A student failing in the work of any course must repeat the course when next regularly given, or must take other work which requires the same number of hours; the course thus taken must conform to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

Students who are conditioned in two courses at the end of a semester will be placed on probation for the following semester. If the stu-

dent shows marked improvement during the period of probation she becomes again a regular student at the end of that period; otherwise she loses class standing, but may continue with the work of the Lower Division by permission of the Scholarship Committee.

A student who is deficient in more than six hours of the required number of hours loses class standing at the end of the year and becomes unclassified until such time as this deficiency shall have been removed.

Any required work unavoidably omitted or not completed at the time when it is regularly scheduled must be taken the following year unless an exception is made by the Scholarship Committee.

Credit may not be given for one semester of a year course except by permission of the Dean and the instructor concerned.

Any student whose scholarship is generally unsatisfactory may be brought before the faculty for action and excluded from college.

Instructors will use all reasonable means to inform a student of her liability to fail in a course, but the student must not regard the absence of such notification as a claim to exemption from a failure.

Reports and Grades

The letters A, B, C, D, E and F are used to designate academic standing. These grades have the following significance: A superior; B, good; C, fair; D, passing; E, condition; and F, failure.

Reports will be sent to parents or guardians at the close of each semester during the freshman and sophomore years. Juniors and seniors may receive their grades from the Recorder on request.

Attendance at College Classes

Students having an average of B for the preceding college year are placed on the Dean's List, and are allowed unlimited cuts from classes. It is hoped that this will make for better scholarship and greater academic freedom for good students.

Each student, except those on the Dean's List, is expected to attend all scheduled meetings of her classes. However, to provide for certain emergencies, the following regulations with regard to absences from classes have been adopted by the Faculty:

Students will be allowed as many unexcused absences each semester in a course as there are hours of recitation a week in that course—

for example, a three-hour course may have three unexcused absences through the semester. This rule does not apply to laboratory work which must be completed to receive credit in the course.

One unexcused absence in any course over the number allowed, unless an exception is made by the Dean, will debar the student from the final examination at the time scheduled. She may take the examination during the period set aside for re-examinations. Two unexcused absences in any course remove the student from that course, unless the case deserves special consideration.

The matter of excused absences will be handled by the Scholarship Committee and the faculty members involved in each case. This group will decide whether a student has missed so much work through illness that she must drop the course.

Unexcused absences twenty-four hours before and twenty-four hours after the following vacations shall count as two absences in each course missed: Thanksgiving vacation, Christmas vacation, between semesters, spring vacation, and the last meeting of the classes for each semester.

Examinations

Examinations are given at the end of each semester. In case of absence from a regular examination, unless the reason for absence is illness, or unless the absence has been previously excused by the Dean, a student may not take the examination until the time set for special examinations in the spring or in the fall, and she will be charged a fee of \$2 for such examination.

Election of Courses

Election of courses for the following year is made in the first week of May. Changes may be made during the first two weeks of each semester, by permission of the Dean and departmental adviser. Changes made at any other time necessitate a special petition to the same authorities and the payment of a fee of \$1.

Summer Courses

Students wishing to do work during the summer in order to gain college credit must secure in advance the consent of the Dean and the department concerned.

Courses of Instruction

THE departments of instruction are arranged in alphabetical order of their titles. Courses in the Lower Division are indicated by numbers under 100; those in the Upper Division by numbers over 100.

Courses listed with two numbers—as English 1-2, Art 5-6—are year courses, and credit is not given for one semester of such courses except with special permission of the Dean and the instructor.

The college reserves the right to withdraw any course which is not elected by at least ten students.

Art

NITA L. BUTLER, Ph.D., Professor

OLIVE O. HARRIS, M.Ed. }
SAMUEL ROSENBERG, A.B. } Instructors

1. HISTORY AND APPRECIATION OF ART. Outline of the development of art in Italy, the North, and Spain through the Renaissance. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1943-1944.

2. HISTORY AND APPRECIATION OF ART. Outline of the development of architecture, and painting in France, England, and America up to the present day, and in other countries from the Renaissance on. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. Second semester (3). Given in alternate years; offered 1943-1944.

3-4. ARTS AND CRAFTS IN THE ELEMENTARY SCHOOL. A course designed to give students practical experience in the arts and crafts usually taught in the elementary school and summer camps. Acquaints the student with various materials and their range of possibilities in activities involving construction, drawing, design and color. Lectures and laboratory work. First semester (2), Second semester (2). Given in alternate years. Offered 1942-1943. Mrs. Harris.

5-6. DRAWING. Basic course, giving fundamentals in drawing from still life, cast, human figure. Acquaints the student with the various

media, such as charcoal, pencil, water-color, oil, and tempera. First semester (2), second semester (2). Mr. Rosenberg. An additional fee is charged for this course.

101. MODERN EUROPEAN ART (1800-1942). Development traced mainly in painting in France, but contributions of other countries will also be studied, together with analogous developments in sculpture and architecture. Prerequisite: Art 1 and 2. First semester (2). Given in alternate years; offered 1942-1943. Miss Butler.

102. ART IN AMERICA. Survey of the development of American architecture, sculpture, and painting from colonial days to the present. Prerequisite; Art 1 and 2. Second semester (2). Given in alternate years; offered 1942-1943. Miss Butler.

103-104. DRAWING. Application of material in Drawing 5-6 to composition and design. Continued sketching from figure with particular emphasis on the development of visual memory. First semester (2), second semester (2). Mr. Rosenberg. Prerequisite: Drawing 5-6 or its equivalent. An additional fee is charged for this course.

Note: Art 1 and 2 must be taken in order to receive credit for Drawing.

Astronomy

(See Physical Sciences)

Biology

PHYLLIS C. MARTIN, Ph.D., Assistant Professor

MARGARET T. DOUTT, Ph.D., Assistant Professor

MARION LASKEY, A.B., Instructor

Students majoring in biology will be expected to take in

Biology: A minimum of four year-courses in the biological sciences, to be chosen in consultation with the head of the department; two years of the biology seminar.

Other sciences: Two year-courses, the choice dependent upon the particular field of biology chosen.

French and German: A reading knowledge is recommended.

1-2. **GENERAL BIOLOGY.** Studies in the structure, physiology, ecology, and heredity of animals and plants; the principal phyla with reference to their classification, evolutionary significance, and human relationships. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3), second semester (3). MRS. MARTIN.

Biology 1 and 2 fulfill the science requirement.

3. **Hygiene.** A study of personal and community hygiene, including anatomy, physiology, and hygiene of the human body, communicable diseases, first aid, and community and public health problems. Three lectures, two hours of laboratory work each week. Prerequisite: Biology 1 and 2. First semester (3). MRS. MARTIN.

4. **NATURE STUDY.** A study of the plants and animals of western Pennsylvania in relation to their environment, including their collection and identification. Two lectures, two hours of laboratory, and one four-hour field trip each week. Prerequisite: Biology 1 and 2. Second semester (3). MRS. MARTIN.

101. **INVERTEBRATE ZOOLOGY.** A study of representative invertebrate animals with consideration of the fundamental principles of biology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944.

102. **VERTEBRATE ZOOLOGY.** Dissection of the cat combined with discussion of mammalian anatomy. Prerequisite: Biology 1 and 2. Two

lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944.

103. **BOTANY.** Field and laboratory studies in the structure and identification of the Algae, Fungi, and Mosses. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944.

104. **BOTANY.** Study of the structure and classification of the ferns and seed plants, with field work on the local flora. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944.

105. **GENERAL BACTERIOLOGY.** The characteristics of yeasts, molds, and bacteria, with emphasis on methods of laboratory technique and identification of bacteria. Prerequisite: Biology 1-2; Chemistry 1-2. Two lectures and four hours of laboratory work each week. First semester (4). MRS. DOUTT.

106. **GENERAL BACTERIOLOGY.** A study of the bacteria in air, water, soil, food, and disease, with their relation to human welfare. Prerequisite: Biology 105. Two lectures and four hours of laboratory work each week. Second semester (4). MRS. DOUTT.

107. **HISTOLOGY.** Training in histological theory and technique in the study of animal tissues. Prerequisite: Biology 1-2; Biology 101-102 recommended. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944.

108. **HISTOLOGY.** Advanced training in histological theory and technique. Prerequisite: Biology 107. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944.

109. **EVOLUTION AND HEREDITY.** Study of the facts and theories of evolution, heredity, and cytology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1942-1943. MISS LASKEY.

110. EMBRYOLOGY. A study of the embryological development of animals. Prerequisite: Biology 1 and 2. Biology 102 and Biology 109 recommended. Two lectures and four hours of laboratory each week. Second semester (4). Given in alternate years; offered 1942-1943. MISS LASKEY.

112. EDUCATION FOR MARRIAGE. Lectures and discussions covering problems and adjustments before and after marriage. Open only to juniors and seniors. Three lectures each week. Second semester (3). MRS. DOUTT.

113. HUMAN PHYSIOLOGY. The study of the physiological processes of the human body. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1942-1943. MISS LASKEY.

114. HUMAN DISEASES. The study of the common human diseases with special emphasis on parasitology. Prerequisite: Biology 113. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1942-1943. MISS LASKEY.

115. HORTICULTURE. Principles of home gardening with special reference to autumn activities. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work or practical gardening each week. First semester (4). Given in alternate years; offered 1942-1943. MRS. MARTIN.

116. HORTICULTURE. Principles and practice in flower and vegetable gardening. Two lectures and four hours of laboratory work or garden practice each week. Second semester (4). Given in alternate years; offered 1942-1943. MRS. MARTIN.

Interdepartmental Majors

In addition to fulfilling the general requirements for graduation, the student must complete one of the programs stipulated below.

A. NATURAL SCIENCE MAJOR. This major is recommended for students preparing to teach science in secondary schools. The science requirements are:

1. Two years each of two of the following sciences: botany, chemistry, physics, and zoology.
2. One year each of the two required sciences not so elected.
3. Biology or Chemistry seminar.

B. PREMEDICAL MAJOR. Students who wish to prepare to enter medical school will elect this major. The courses listed below are based on the requirements of medical schools of the highest rating: Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 102.

The student must further elect such courses as are requested by the particular medical school which she desires to enter. For this reason it is imperative that she make such a choice before her junior year.

Cooperative Course in Nursing Education

Pennsylvania College for Women conducts a cooperative course in nursing education with the Allegheny General Hospital of Pittsburgh, to help meet the increasing demand for well educated women for positions of responsibility in the field of nursing and health. During the first year, the student enrolls at Pennsylvania College for Women for courses in English, history, chemistry, biology, a language, and physical education. Following the freshman year, during July and August, she attends a two-month course at the School of Nursing of the Allegheny General Hospital in order to gain some professional background. This two-month course will also give the hospital an opportunity to determine the student's qualifications for nursing.

During the second year at Pennsylvania College for Women, the student takes courses in psychology, physics, and sociology in addition to continuing with biology, physical education, and a language. Following this year, during July and August, she attends another two-month course at the School of Nursing of the Allegheny General Hospital, and returns to Pennsylvania College for Women for the first semester of the junior year.

The student then enters the hospital to remain for two years, studying the art and science of nursing and gaining well-rounded clinical experience.

She returns to the college for the second semester of the fifth year. At the end of the five-year course the student of nursing receives the degree of Bachelor of Science and becomes eligible for the State Board examinations for Registered Nurse.

In the interval between graduation from college and the examination for Registered Nurse in September, she may, if she wishes, take psychiatric training or public health nursing.

(See *Careers of Distinction* for an outline of the five-year nursing plan.)

Chemistry

(See Physical Sciences)

Economics

(See Sociology and Economics)

Education

JAMES S. KINDER, Ph.D., Professor

HAROLD L. HOLBROOK, Ph.D., Director of Adjustment Institute

OLIVE O. HARRIS, M.Ed., Instructor

Students majoring in education are expected to take in

Education: A minimum of twenty-four semester hours, including Education 1-2, 3-4, 101-102, and 108.

Psychology: Psychology 1-2, and 101.

Other fields: Students preparing to teach in secondary schools should select at least eighteen hours from each of two academic fields.

1. INTRODUCTION TO EDUCATION. A reading and discussion course of the principles, ideals, and practices in the American public school system. Prerequisite or co-requisite: Psychology 1. First semester (3). MR. KINDER.

2. INTRODUCTION TO TEACHING IN SECONDARY SCHOOLS. A study of the secondary school with emphasis upon methods of teaching and classroom procedure. Second semester (3). MR. KINDER.

3-4. ELEMENTARY EDUCATION.

- (a) Teaching arithmetic: The application of principles to the teaching of arithmetic. (2)
- (b) Teaching reading: The application of principles of teaching and learning in the basic arts of communication. Emphasis on experience as the approach. Recommended for secondary and elementary school teachers. (2)
- (c) Teaching the social studies: Application of principles of teaching and learning in the field of the social studies. Discussion and evaluation of recent courses of study. The use of local resources and excursions (2). Given in alternate years; offered 1943-1944.

5. TEACHING AND LEARNING IN THE ELEMENTARY SCHOOL: An analysis of the educative process. Emphasis upon education of the "whole child" and other principles of progressive practice. One semester (2). Given in alternate years; offered 1942-1943. MRS. HARRIS.

7-8. SURVEY OF EDUCATIONAL THOUGHT. (A Reading Course) Education as a means of individual and social improvement. Origin of modern problems, practices, and educational institutions. Contributions of the various nations; relationship between the political and educational development. Conference method. By special arrangement with instructor. Limited to six students. First semester (3), or second semester (3). MR. KINDER.

101. OBSERVATION AND PRACTICE TEACHING. During the first semester, the student serves each day as teaching assistant in her elected major, in one of the available nearby public schools, at first only preparing the regular class assignments and assisting in minor teaching details, later working into the routine of marking tests and daily written work, helping individual pupils and groups of pupils with extra work, and finally, after some two or three weeks of observation, teaching the class. The student follows the line set forth by the regular teacher, and is directly under the college supervisor. In addition, the student participates in scheduled conferences at the College with the supervisor. Prerequisites: Education 1 and Psychology 2. Specific permission must be obtained in order to register for this course, and registrants are not permitted to carry more than fifteen hours of college credit. First semester (9). MR. KINDER.

102. EDUCATIONAL TESTS AND MEASUREMENTS. The history and development of educational measurement. Emphasis on giving tests

and on analysis and interpretation of results. A consideration of means of improving ordinary classroom tests. Prerequisite: Education 1. Second semester (3). Given in alternate years; offered 1943-1944.

104. SCHOOL ADMINISTRATION AND SUPERVISION. Analysis of the problems of the administrator and the supervisor in the modern school system. Plan of federal, state, and local educational agencies stressed. Visits will be made to a number of selected schools. Second semester (3). Given in alternate years; offered 1943-1944.

106. EDUCATIONAL SOCIOLOGY. A sociological consideration of schools and education: aims, curriculum, method. Recitations, lectures, reports. Second semester (3). Given in alternate years; offered 1942-1943. MR. KINDER.

108. OBSERVATION OF TEACHING. Designed for elementary teachers. Object is to acquaint students with school routine before student teaching is begun, and to assure a more extended contact with children. The observations will be correlated with assigned readings and followed by conferences. Open to juniors. Second semester (1). MR. KINDER.

110. VISUAL-SENSORY AIDS. The place of visual and other sensory aids in the learning process. The State course of study will be followed. Topics: research; historical background; verbalism; projectors, still and motion pictures; school journeys; object-specimen-models; museum procedure; pictorial materials; photography; blackboard-bulletin board techniques; television; bibliography. Two lectures and two hours of laboratory work each week. Occasional trips. Second semester (3). MR. KINDER, MR. SPENCER.

111-112. SEMINAR IN EDUCATION. Readings, investigation, and forum discussion of topics in education and psychology, with emphasis on current research. Open to advanced students in education and psychology. First semester (1), second semester (1). EDUCATION FACULTY.

113-114. MENTAL HYGIENE. Lectures, group discussions, supplementary reading, and personal application of mental hygiene under rational controlled conditions. The general plan of the course will include the meaning of the field of mental hygiene, behavior from hygiene point of view, disturbances, biological foundations of mental hygiene, personality variations, the home, the school, and the career. First semester (2), second semester (2). MR. HOLBROOK.

Requirements for Recommendation for State Certification

Students are recommended to any state for secondary school certification when they satisfactorily complete the specific requirements of that state, with all requirements for the bachelor's degree. Students are recommended for certification for elementary school teaching when they have completed the elementary curriculum, and satisfied the requirements for the bachelor's degree.

In the state of Pennsylvania the minimum education requirements for the college provisional certificate for secondary school teaching are: Psychology 2, Education 1 and 101, with six other semester hours in education, including special methods courses (not to exceed three hours), a total of eighteen semester hours. In addition it is necessary to have completed at least eighteen semester hours in each subject in which the student wishes to be certified to teach.

Students interested in teaching in the elementary school should consult the head of the department of education during the freshman year. Certification for the elementary school necessitates the completion of the special elementary curriculum. Students interested in the teaching of music should consult the head of the music department during the freshman year. Those considering teaching in the elementary school will find the statement in *The Careers of Distinction* helpful.

English Composition and Literature

CARLL W. DOXSEE, Ph.D., Professor

MARY I. SHAMBURGER, A.M. }

HAZEL COLE SHUPP, Ph.D. }

Assistant Professors

VIVIAN M. RAND, A.M., Instructor

English 1-2 is required of all freshmen, except in certain cases in which admission to English 3-4 is permitted, at the discretion of the department, to freshmen whose preparatory work in English has been of especially high quality.

Students majoring in English will be expected to take a minimum of twenty-four hours in the department, exclusive of English 1-2, which is not to be considered part of the major. For English majors, English 5-6 is prerequisite to all advanced courses in English literature. Eighteen hours shall be in the Upper Division and shall include at least two courses in English literature. Courses in the Upper Division are arranged in groups. English majors must elect one course

from each of Groups A, B, and C. A course in Group D is recommended, together with courses from the fields of history, language, philosophy according to the interest of the student. Election is to be made only upon consultation with the head of the department.

- Group A. Middle English Literature and Chaucer
 - Shakespeare
 - Milton and the Seventeenth Century
- Group B. Eighteenth Century Literature
 - History of the Drama
 - History of the Novel
 - Victorian Literature
 - The Romantic Movement in English Poetry
- Group C. General Writing Course
 - Creative Writing
 - Journalism
- Group D. Contemporary Poetry
 - American Literature
 - Reading Course in Contemporary Thought

1-2. FRESHMAN ENGLISH. The purpose of the course is to teach clear and correct expression in writing. Reading of various types of literature to stimulate thought and to furnish examples of craftsmanship. Writing of themes, short and long, on subjects of personal experience, explanation of ideas, and critical comment. First semester (3), second semester (3). MISS SHAMBURGER, MRS. RAND.

Students who do not make at least a grade of C in this course must carry three additional semester hours of English composition during the sophomore year.

3-4. GENERAL WRITING COURSE. Designed for those who need or desire further practical writing than that furnished by English 1-2. Various types of writing accompanied by wide reading. Recommended in most cases as preparation for advanced writing courses. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

5-6. INTRODUCTION TO ENGLISH LITERATURE. Readings and lectures on the history of English Literature, with classroom discussion of representative works illustrative of different periods and types. Primarily for sophomores; open to freshmen. First semester (3), second semester (3). MR. DONSEE, MRS. SHUPP.

103-104. CREATIVE WRITING. Experimentation with various types of original composition such as the short story, the personal essay, and the

tale. Intensive practice in the type of writing best suited to the ability and preference of each student. Conferences and class criticism. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MRS. SHUPP.

105-106. SEMINAR IN CREATIVE WRITING. Open to not more than five advanced students who have shown special aptitude for original writing. The instructor's permission is necessary. Credits and hours to be arranged. Given in alternate years; offered 1943-1944.

107-108. JOURNALISM. The theory and technique of newspaper writing. Students who are reporters, feature and copy writers, proof readers, etc., for the *Arrow* may present their work for the paper as part of the class work in journalism, for which they will receive credit. Students who need or desire work in general writing will be given special assignments in this class, since English 3-4 will not be given 1942-1943. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MRS. SHUPP.

109-110. VICTORIAN LITERATURE. Victorian thought as reflected through the work of leading writers: Carlyle, Ruskin, Arnold, Huxley, Tennyson, Browning, Morris, and Swinburne. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

111-112. THE ROMANTIC MOVEMENT IN ENGLISH POETRY. Wordsworth, Coleridge, Byron, Shelley, Keats, with special attention to the intellectual, political, and social movements of the time. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

113-114. THE HISTORY OF THE ENGLISH DRAMA. A survey of the development of the drama from its origin to the present day. The Elizabethan drama and contemporary tendencies are emphasized. Extensive readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MR. DOXSEE.

115-116. THE NOVEL. Studies in the development of English fiction. Assigned readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

117-118. MIDDLE ENGLISH LITERATURE AND CHAUCER. In the first semester representative epics and romances of mediaeval times. In the second semester, selected readings from the works of Chaucer

and his contemporaries. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MRS. RAND.

119-120. INTRODUCTION TO AMERICAN LITERATURE. A general survey of American literature from colonial times to the present day. Assigned readings, lectures, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

121-122. CONTEMPORARY BRITISH AND AMERICAN POETRY. Comprehensive reading, informal discussion, and reports. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MR. DOXSEE.

123-124. EIGHTEENTH CENTURY LITERATURE. A study of the temper, prevailing ideas, manners, and customs of the neo-classical period as shown in the work of its eminent writers; and of the emergence of social and humanitarian principles in the literature of the latter part of the century. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MRS. SHUPP.

125-126. MILTON AND THE SEVENTEENTH CENTURY. This course deals with the social, political, and philosophical aspects of the seventeenth century, as well as with its literature. The first semester will be chiefly a reading course in the minor poets of the century; the second semester will be devoted to a study of Milton. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MISS SHAMBURGER.

127-128. READING COURSE IN CONTEMPORARY THOUGHT. Readings in contemporary prose in such fields as biography, social criticism, religion, politics, and the like. Conferences and reports. First semester (3), second semester (3). The group will be limited to ten and election can be made only after consultation with the instructor. Omitted in 1942-1943.

129-130. SHAKESPEARE. Intensive study of selected plays. Background and criticism. Special consideration of methods of presenting plays which will be helpful for students who are planning to teach in secondary schools. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

131-132. A coordinating course in preparation for the senior comprehensive in English. First semester (1), second semester (1). English faculty.

French Language and Literature

MARION GRIGGS, Ph.D., Assistant Professor

MARGUERITE MAINSSONNAT OWENS, M.A., Assistant Professor.

For information about the reading test see Foreign Languages, (p. 18). Students majoring in modern languages will be required to take in

MODERN LANGUAGE: A minimum of four year-courses in the language chosen as the major language.

OTHER FIELDS: General requirements for graduation (see page 23), and courses in history, English literature, economics, psychology or philosophy. A second language is recommended. The head of the department should be consulted before elections are made.

1-2. ELEMENTARY FRENCH. Designed for students who are beginning the study of French or whose previous preparation is felt to be inadequate. Pronunciation, elements of grammar, vocabulary assimilation, oral and aural drill, with emphasis on acquisition of reading ability. First semester (3), second semester (3). MISS GRIGGS.

3-4. INTERMEDIATE FRENCH. Designed for students who wish to develop the ability to read French and for those who wish to continue the study of French. Oral and aural work, vocabulary acquisition, review of the fundamentals of grammar, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS.

5-6. AN INTRODUCTION TO FRANCE. Geographical, historical, and literary background. Great steps in French civilization leading to modern time. The people and the institutions. Illustrative reading in French and English. First semester (3), second semester (3). MRS. OWENS.

107-108. LITERATURE OF THE SEVENTEENTH CENTURY. Literary and social aspects of the seventeenth century. Special emphasis on Corneille, Racine and Moliere. Prerequisite: French 3-4 or 5-6 or equivalent. First semester (3), second semester (3). MISS GRIGGS.

109-110. LITERATURE OF THE EIGHTEENTH CENTURY. Literary and social aspects of the eighteenth century. Special emphasis on the philosophers. Collateral readings and reports. Prerequisite: French 5-6 or 107-108. First semester (3), second semester (3). MRS. OWENS.

111-112. LITERATURE OF THE NINETEENTH CENTURY. Literary and social aspects of the nineteenth century. Critical study of repre-

sentative writers. Poetry, drama, novel, and criticism. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

115-116. **THE MODERN NOVEL.** Development and tendencies. Extensive readings in French, oral reports in French. Special emphasis on Proust, Gide, Jules Romains and other post-war novelists. Prerequisite: French 107-108, 109-110 or 111-112. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MRS. OWENS.

118. **THE TEACHING OF FRENCH.** For students who wish to be recommended to teach. The first few weeks deal with language teaching in general and may be audited by students of any foreign language. The remainder of the time is devoted to special problems in teaching French. Prerequisite: French 107-108. Second semester (2). MRS. OWENS.

119-120. **CONVERSATION.** Prerequisite: French 5-6 or 107-108. First semester (2), second semester (2). MRS. OWENS.

121-122. **ADVANCED COMPOSITION.** Advanced composition and grammar review. Prerequisite: French 5-6 or 107-108. First semester (2), second semester (2). MRS. OWENS.

123. **PRACTICAL PHONETICS IN FRENCH.** An analytical and comparative study of French sounds with special attention to American defects in French speech and method of correcting such defects. Offered to all students, required of majors, and recommended to minors. First semester (1). MRS. OWENS.

125-126. A co-ordinating course in preparation for the senior comprehensive in French. First semester (1), second semester (1). French faculty.

Geology and Geography

(See Physical Sciences)

German Language and Literature

ELIZABETH PIEL, Ph.D., Assistant Professor

For the requirements for a major in modern languages, see page 39. For information about the reading test, see Foreign Languages, p. 18.

1-2. **ELEMENTARY GERMAN.** Fundamentals of German grammar, introduction to reading, composition, and conversation. Open to students who do not present German at entrance. First semester (3), second semester (3).

3-4. INTERMEDIATE GERMAN. Review and continued study of grammar, and its application in composition. Reading of modern German literature. Prerequisite: German 1-2. First semester (3), second semester (3).

S3-S4. SCIENTIFIC GERMAN. Reading in scientific German, with assigned readings in the student's major field. Written and oral reports. Prerequisite: German 1-2. First semester (3), second semester (3).

105-106. CLASSICAL PERIOD IN GERMAN LITERATURE. A survey of German literature from its beginnings to the present day, with special emphasis given to the Classical Period. A critical study of Lessing, Goethe, and Schiller. Reading of plays. Reports. Prerequisite: German 3-4. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

107. ROMANTIC PERIOD OF GERMAN LITERATURE. Readings, reports and discussions. Prerequisite: German 3-4. First semester (3). Given in alternate years; offered 1943-1944.

108. MODERN GERMAN LITERATURE. Readings, reports, and discussions. Prerequisite: German 3-4. Second semester (3). Given in alternate years; offered 1943-1944.

109-110. ADVANCED GERMAN. Composition and conversation. Review of grammar; composition based on assigned topics. Discussions in German. Prerequisite: German 3-4. First semester (2), second semester (2).

Greek Language and Literature

NITA L. BUTLER, Ph.D., Professor

Requirements for students majoring in the classics are stated in connection with the requirements of the Latin Department.

1-2. ELEMENTARY GREEK. Grammar, composition. Xenophon: Selections from the Anabasis or the Memorabilia. Open to all students. First semester (3), second semester (3). Omitted 1942-1943.

3-4. CLASSICAL CIVILIZATION. A survey of the life and thought of the Greeks and Romans based upon the literature of the classical period. Open to all students. A knowledge of the classical languages is not required. First semester (3), second semester (3).

101-102. ELEMENTARY GREEK. Designed to meet the needs of those who wish only an introduction to the language. First semester (1), second semester (1). Given in alternate years; offered 1942-1943.

History and Political Science

ANNA L. EVANS, Ph.D., Professor

LABERTA DYSART, A.M. } Assistant Professors
EFFIE L. WALKER, A.M. }

Students majoring in history and political science will be expected to take in

HISTORY: Twenty-four hours, including History 1-2, and twelve additional hours either in history or in approved courses in the social sciences, or in correlated subjects such as the history of philosophy, when such arrangements are approved by the head of the department; the selection depending chiefly upon previous preparation and end in view. Major students will be expected to work intensively in one of the five recognized divisions of historical study, and to acquire a related knowledge in a second division. The five divisions are: 1. Ancient; 2. Mediaeval; 3. Modern European; 4. English; 5. American.

OTHER FIELDS: A reading knowledge of French, German, Latin or Spanish is strongly recommended.

EARLY EUROPEAN HISTORY

1-2. **HISTORY OF WESTERN CIVILIZATION.** A survey of cultural developments from the beginning of civilization to the present day. Prerequisite for majors in history unless excused by the head of the department. First semester (3), second semester (3). Miss EVANS, Miss DYSART.

103. **HISTORY OF THE ANCIENT ORIENT AND THE GREEK STATES.** A study of the origin and development of civilization in the ancient Near East, followed by a survey of political, economic, and cultural developments among the Greeks. Prerequisite: History 1-2. First semester (3). Miss DYSART.

104. **HISTORY OF ROME TO 476 A.D.** A study of the rise of Rome to a world power and the decline of that power; economic and social problems, and cultural developments in the Roman state. Prerequisite: History 1-2. Second semester (3). Miss DYSART.

105-106. **MEDIAEVAL AND EARLY MODERN EUROPEAN HISTORY.** A survey of the leading political, intellectual, social, and economic movements from the Decline of the Roman Empire to 1789. Prerequisite: History 1-2. First semester (3), second semester (3). Miss DYSART.

107-108. **THE RENAISSANCE AND THE REFORMATION.** The Renaissance in the fourteenth, fifteenth, and sixteenth centuries, with special reference to Italy and to the literature of the period. The period of the Protestant Revolt. Prerequisite: History 1-2. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

MODERN EUROPEAN HISTORY

109-110. **HISTORY OF ENGLAND AND GREAT BRITAIN.** The political, social, and economic history of England, from the Tudors to the present time. Not open to freshmen. First semester (3), second semester (3). MISS EVANS.

111-112. **FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD.** The conditions of France from the 15th century to 1789. The progress and results of the Revolution and its constitutional phases. The rise of Napoleon with the constitutional and dynamic changes and the permanent results of the period. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MISS EVANS.

113-114. **HISTORY OF RUSSIA.** Russian internal developments from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

115. **EUROPE SINCE 1815.** The political, social and cultural history of Europe from the fall of Napoleon in 1870. Prerequisite: History 1-2 except with the permission of the instructor. First semester (3). MISS EVANS.

116. **EUROPE SINCE 1870.** Political and social reform; cultural, scientific, and economic movements; the expansion of Europe; the World War and the countries after the War. Prerequisite: History 1-2 except with the permission of the instructor. Second semester (3). MISS EVANS.

117. **SEMINAR IN MODERN EUROPEAN HISTORY.** International Relations. Open to history majors and to others by special permission. Second semester (2) or (3). MISS EVANS.

118-119. A coordinating course in preparation for the senior comprehensive in history. First semester (1), second semester (1). History faculty.

AMERICAN HISTORY

119-120. HISTORY OF THE UNITED STATES. A general survey of the colonial and national history of the United States. Prerequisite: History 1-2, except with permission of the instructor. First semester (3), second semester (3). MISS WALKER.

121-122. THE HISTORY OF LATIN AMERICA. A general course dealing with the aboriginal background, the colonial origins, and the national development of the Latin-American states, with emphasis on the relations of the U. S. with the region. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered in 1942-1943. MISS WALKER.

Political Science

3-4. AMERICAN GOVERNMENT. A general survey of American government—national, state, and local. First semester (3), second semester (3). MISS WALKER.

123-124. COMPARATIVE GOVERNMENT. A comparative study of the government of the United States, the parliamentary democracies of Great Britain and France, and the dictatorial régimes of Fascist Italy, National Socialist Germany, and the Soviet Union. Open to sophomore, juniors, and seniors. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MISS SHIELDS.

Home Economics

IRMA AYERS, B.S., Instructor

A second instructor will be added to meet student demand for the enlarged program outlined below.

The department of Home Economics at Pennsylvania College for Women was established in September 1941. The curricula planned include preparation in Commercial Demonstration, Homemaking, Institutional Management, and Retail Management.*

The curriculum for majors in Home Economics is approximately the same for all students during the freshman year. At the beginning of the sophomore year, a student may have one of the following options:

Option I: Commercial Demonstration

Required Home Economics Courses: 1, 2, 3, 4, 101, 103, 104, 106, 107.

*Consult the Home Economics leaflet for the outline of these programs.

Option II: Homemaking

Required Home Economics Courses: 1, 2, 3, 4, 101, 102, 103, 104.

Option III: Institutional Management

Listed as *Dietetics* in the Home Economics leaflet.

Required Home Economics Courses: 2, 3, 4, 101, 102, 103, 105, 106, 107, 108, 109, 110, 112, 114.

Option IV: Retail Management

A student choosing Retail Management will be a Liberal Arts major.

Required Home Economics Courses: 1, 2, 103, 104.

Other courses in science, psychology, and sociology will be chosen in consultation with the head of the department.

Students completing the Institutional Management program will receive the degree of Bachelor of Science, and all other majors in Home Economics will receive the degree of Bachelor of Arts.

Majors from other departments will be given the opportunity to elect from the Home Economics courses listed under Option II.

The following courses will be offered by the department of Home Economics:**

1. PERSONAL CLOTHING PROBLEMS. Grooming, the care of clothing, the choice and use of color and design in relation to the individual needs of the college girl. First semester (3).

2. SELECTION OF CLOTHING AND TEXTILES. Designed to develop judgment in clothing selection and a greater appreciation of good workmanship in dress; consumer problems in clothing; textile fibers and fabrics, their source, production, manufacture, characteristics, identification, and use. The application of the principles of garment construction. Two lectures, and one two-hour laboratory each week. Second semester (3).

3. ELEMENTARY NUTRITION. The underlying principles of the science of nutrition as they influence the daily choice and use of food by the individual and the family. First semester (3).

4. FOOD SELECTION AND PREPARATION. Scientific principles and fundamental processes of food preparation. Planning, preparation and serving of meals. Two lectures and one two-hour laboratory each week. Second semester (3).

**The college reserves the right to withdraw any of these courses which are not elected by at least ten students.

101. **FAMILY FOOD PROBLEMS.** The economic, nutritional, and social aspects of planning, buying, preparing, and serving foods to the family. Two lectures and one two-hour laboratory each week. First semester (3).

102. **CHILD DEVELOPMENT.** The factors which aid in promoting physical growth and development of the child. The daily schedule, food and clothing requirements, desirable habit formation, and mental, emotional and social development. Second semester (3). Given in alternate years; offered 1942-1943.

103. **HOME MANAGEMENT.** Present-day family in terms of size, composition, income, housing, and expenditures. Management of energy, time, money, and goods and its application to home activities. Selection, care, and use of home equipment. Two lectures and one two-hour laboratory each week. First semester (3).

104. **HOME FURNISHINGS.** Principles of home furnishing and their practical application to specific problems of selection and arrangement. Two lectures and one two-hour laboratory each week. Second semester (3).

105. **ADVANCED NUTRITION.** Food needs and calculation of dietaries for each member of the family. Two lectures and one two-hour laboratory each week. First semester (3).

106. **QUANTITY COOKERY.** Application of the principles of cookery to the preparation of food in large quantities; menu-making for institutions; standardization of recipes as to quantity, manipulation, and cost. One lecture and eight hours of laboratory each week. Second semester (4).

107. **COMMERCIAL DEMONSTRATION.** Theories and techniques in commercial demonstration. Experience in the presentation of demonstrations. One lecture and one two-hour laboratory each week. First semester (2).

108. **DIET IN DISEASE.** A study of the dietetic procedures in the treatment of disease. Second semester (3). Given in alternate years; offered in 1942-1943.

109. **EXPERIMENTAL COOKERY.** Methods of cookery determined by experimentation and investigation. An introduction to research in foods and nutrition. One lecture and one two-hour laboratory each week. First semester (2).

110. **INSTITUTION MARKETING.** Problems dealing with the purchase of large quantities of food for institutions. Second semester (3). Given in alternate years; offered in 1943-1944.

112. INSTITUTION MANAGEMENT. Food service in various types of institutions; principles of organization, labor problems, supervision; equipment, records, and inventories. Second semester (3).

114. METHODS OF TEACHING HOME ECONOMICS. Problems of teaching Home Economics, with emphasis upon the selection and evaluation of materials of instruction for foods and nutrition. This course is designed for Option III students. Second semester (3). Given in alternate years; offered 1943-1944.

Italian Language and Literature

NITA L. BUTLER, Ph.D., Professor

1-2. ELEMENTARY ITALIAN. Study of the fundamentals of grammar. Reading of simple texts dealing with Italian life. Conversation based upon texts read. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

3-4. INTERMEDIATE ITALIAN. Reading of modern Italian literature and of selected comedies of Goldoni. Continued study of syntax, composition, and conversation. Prerequisite: Italian 1-2 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

Latin Language and Literature

NITA L. BUTLER, Ph.D., Professor

Students majoring in Latin will be expected to elect courses in Latin and/or Greek in appropriate sequence under the guidance of the head of the department. The number of such courses will be dependent upon the number of units of Latin presented for entrance. Such students are expected to take Greek 3-4 and one course in Latin composition.

Other fields: History 103-104. A reading knowledge of French and German is strongly recommended.

1-2. CICERO, OVID, LIVY, HORACE. CICERO: selections from the letters, *De Amicitia* or *De Senectute*; or Ovid: *Metamorphoses*. Livy: selections from books I, XXI. Horace: Odes and Epodes. Open to students who present three or four units of Latin. First semester (3), second semester (3).

3. PLAUTUS AND TERENCE. Selected plays. A study of the development of Roman comedy. First semester (3). Given in alternate years; offered 1943-1944.

4. HORACE: SATIRES AND EPISTLES. Second semester (3). Given in alternate years; offered 1943-1944.

101. TACITUS, JUVENAL. A study of Roman society under the early empire. First semester (3). Given in alternate years; offered 1942-1943.

102. CATULLUS, TIBULLUS, PROPERTIUS, OVID. A study of Roman lyric and elegiac poetry. Second semester (3). Given in alternate years; offered 1942-1943.

103. THE TOPOGRAPHY AND MONUMENTS OF ROME. Open to all students. First semester (2). Given in alternate years; offered 1943-1944.

104. PRIVATE LIFE OF THE ROMANS. Open to all students. Second semester (2). Given in alternate years; offered 1943-1944.

105-106. LATIN SELECTIONS. A translation course offering readings from Pliny, Ovid, and Martial, illustrative of Roman mythology, topography, and life. Supplementary to Latin 103-104. First semester (1), second semester (1). Given in alternate years; offered 1943-1944.

107. TEACHER TRAINING COURSE IN LATIN. A study of aims and objectives, of methods and textbooks; organization of units of subject matter; rapid reading of authors usually read in secondary schools; exercises in prose composition. First semester (3). Given in alternate years; offered 1942-1943.

Mathematics

HELEN CALKINS, Ph.D., Professor

Students majoring in mathematics will be expected to take in

MATHEMATICS: Courses 1-2, 5-6, 101, 102, 105, 106, or 110.

1-2. AN INTRODUCTION TO MATHEMATICAL ANALYSIS. A unified course in the essential concepts of college algebra, trigonometry, and analytical geometry. First semester (3), second semester (3).

3. ELEMENTARY STATISTICS. An introduction to the recent methods of statistical analysis and interpretation, with many illustrations taken from the fields of biology, psychology, education and economics; graphic representation; averages; measures of dispersion; skewness;

excess; curve fitting; correlation; theory of sampling; index numbers. First semester (3).

4. MATHEMATICS OF BUSINESS. Percentage and its applications to business; insurance; business of the home; interest and discount; finance companies and installment buying; stocks and bonds; public finance; annuities. Second semester (3).

5-6. ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS. A study of (1) the operations of differentiation and integration of algebraic and ordinary transcendental functions and (2) their applications to geometry and motion. Prerequisite: Mathematics 1-2. First semester (3), second semester (3).

101. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS. A study of the properties of (1) lines and conics in a plane and (2) lines, planes, and quadric surfaces in space. Prerequisite: Mathematics 1-2. First semester (3). Given in alternate years; offered 1943-1944.

102. THEORY OF EQUATIONS AND DETERMINANTS. A course based on Dickson's "Theory of Equations." Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1943-1944.

104. THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. A study of (1) the function of mathematics in the junior and senior high school curriculum, and (2) the methods of classroom procedure. Prerequisite: Mathematics 5-6. Second semester (3). Given in alternate years; offered 1942-1943.

105-106. ADVANCED DIFFERENTIAL AND INTEGRAL CALCULUS. A continuation of Mathematics 5-6. Prerequisite: Mathematics 5-6. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

110. COLLEGE GEOMETRY. A second course in plane Euclidean geometry; geometric constructions; properties of the triangle; the Simson line; transversals; harmonic section; harmonic properties of circles; inversions; recent geometry of the triangle. Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1942-1943.

111-112. A coordinating course in preparation for the senior comprehensive in mathematics. First semester (1), second semester (1).

Music

HELENE WELKER, A.B. }
LILLIE B. HELD, A.M. } Assistant Professors

RALPH LEWANDO }
GERTRUDE NORTHRUP AYARS, Mus.B. }
EARL B. COLLINS, Mus.B. } Instructors
PESCHA KAGAN, Visiting Artist

Students may major either in applied music or in theory of music.

Students majoring in applied music will be expected to take in

MUSIC: The following minimum in theory and appreciation courses: Theory 1-2, 3-4, 7-8, 101-102, 103-104, and two additional hours in appreciation plus the minimum requirements in the chosen field of applied music which are: for a major in piano, sixteen hours; for an organ or a violin major, fourteen hours in the major and two hours in piano; for a voice major, fourteen hours in voice, two hours in piano, and two years' membership in the chorus. A student doing her major work in applied music will be required to take a minimum of two half-hour lessons a week.

Students majoring in theory will be expected to take in

MUSIC: The following minimum: Theory 1-2, 3-4, 7-8, 101-102, 103-104, plus two additional hours in appreciation; a minimum of eight hours in applied music.

Students majoring in applied music or theory will be expected to take at least one year in modern dance. They are advised to take in

OTHER FIELDS: Courses in modern languages, English literature, history, history of art, psychology, science, and education. Elections are to be made upon consultation with the head of the department.

CREDIT FOR APPLIED MUSIC is based on practice and on theory courses.

One semester credit is given for three hours of practice a week, two semester credits for six hours of practice a week, etc., provided the prescribed theory courses are taken. To secure credits for applied music, a theory course must accompany each year of applied music study. Theory 1-2 is required in the freshman year, and Theory 3-4 in the sophomore year of all students taking applied music for credit.

A few competitive scholarships are available in applied music.

Examinations for these will be given in the spring or early in the first semester.

Attendance at work shops and recitals is expected of all students in the department.

It is the purpose of the Music Department to give the student a thorough musical training, and also to provide the cultural background desirable for the profession.

The Music Department maintains in addition to the regular college work in music:

1. A Children's Department in *Piano* for children from the age of three. The preliminary work consists of rhythmic training, singing, rote playing, creative work, etc., and is carried on in classes. When the child's sense of pitch and rhythm has been sufficiently developed, he begins the actual piano instruction, which is given in private lessons or in small classes. The work in ear training is continued.
2. A College-Preparatory Department for students of intermediate age (from 14 to college age).
3. An Adult Department for students beyond college age. Private and class lessons in piano, organ, violin, and voice are available to this group. Lessons are scheduled during the day or in the evening.

For charges for the above, see page 84.

Theory

1-2. THEORY. Ear training, sight singing, dictation, keyboard work. The presentation of simple harmonic material. The study of musical elements, form, etc., through aural analysis of representative compositions. Class meets six hours a week. Open to all students. Required of all students in the first year of applied music. First semester (4), second semester (4). MISS HELD, MISS WELKER.

3-4. THEORY. A continuation of Theory 1-2 using more difficult material. Class meets four hours a week. Required of all students in the second year of applied music. Prerequisite: Theory 1-2. First semester (3), second semester (3). MISS HELD, MISS WELKER.

101-102. ADVANCED THEORY. A continuation of Theory 3-4 using more difficult material. Composition. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

103-104. COUNTERPOINT. Counterpoint in two, three, and four parts. Analysis of polyphonic style as exemplified by the masters. Composition in contrapuntal style. Keyboard work. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1942-1943. MISS HELD.

Appreciation

The following courses are offered as a substitute for the three-hour course in Appreciation of Music formerly listed in the catalogue.

Note: Courses 5, 7, 105 (or 107) may be taken concurrently as a three-hour course in Appreciation of Music.

Courses 6, 8, 106 (or 108) may be taken in this way also.

5. **The Art of Listening.** A course designed to develop intelligent appreciation through the study of musical elements such as rhythm, melody, harmony, tone color, musical texture. Aural analysis of representative compositions. Note: This course is included in Theory 1. Open to all students. First semester (1). MISS HELD.

6. **The Art of Listening.** Introduction to form. A course designed to develop intelligent appreciation of form in music through aural analysis of compositions played. Note: This course is included in Theory 2. Open to all students. Second semester (1). MISS HELD.

7. **SYMPHONIC LITERATURE.** A course correlated as far as possible with the series of concerts given during the year by the Pittsburgh Symphony Orchestra, and designed as a background for them. Instruments of the orchestra. The development of the orchestra. A survey of orchestral literature and forms from the seventeenth century to the time of Beethoven. Subscription to symphony concerts urged. Open to all students. First semester (1). MISS HELD.

8. **SYMPHONIC LITERATURE.** A continuation of 7. A survey of orchestral literature and forms from the time of Beethoven up to the twentieth century. Open to all students. Second semester (1). MISS HELD.

105. **SONG.** The rise of secular song. A study of folk music and its influence through the years on formal music. Open to all students. Given in alternate years; offered 1943-1944. First semester (1).

106. **ART SONG.** The development of the song as an art form. A survey of the literature in the field. Open to all students. Given in alternate years; offered 1943-1944. Second semester (1).

107. **CONTEMPORARY MUSIC.** A study of the chief trends in music since 1900. Analysis of works of some of the leading composers of the century. Open to all students. Given in alternate years; offered 1942-1943. First semester (1). MISS HELD.

108. **AMERICAN MUSIC.** A survey of American music from colonial times to the present day with special emphasis on native sources from which composers of this country may draw their inspiration. Open

to all students. Given in alternate years; offered 1942-1943. Second semester (1). MISS HELD.

Pianoforte Music from the 17th Through the 20th Century

Pennsylvania College for Women will again present Pescha Kagan in a series of recitals in the new Art Center, offering a survey of representative pianoforte literature from the works of masters of the 17th century through the present day. In the 1942-43 series, new programs will be presented and will include works of: Bach, Scarlatti, Haydn, Mozart, Beethoven, Schubert, Schumann, Brahms, Chopin, Liszt, Debussy, Ravel, and contemporary composers. Programs will be augmented by a brief analysis. One-half credit will be given for the course.

Music Education

109-110. ELEMENTARY SCHOOL MUSIC. Aims and objectives, principles, methods, and materials in the teaching of music in the elementary grades. Designed for students interested in elementary education. First semester (2), second semester (2). Given in alternate years; offered 1943-1944.

111-112. PRACTICE TEACHING IN THEORY. Opportunity is given to advanced students, when qualified, to assist in teaching Theory 1-2. Observation, conferences. Hours and credits to be determined by individual student's load and the needs of the department. MISS HELD, MISS WELKER. Note: This course has no connection with the Department of Education, and does not satisfy the requirements of practice teaching as set forth by that department for public school majors.

*113-114. TEACHER TRAINING COURSE IN PIANO. Principles of progressive music teaching with special reference to the piano. Special fee. First semester (1), second semester (1). MISS BERNICE AUSTIN.

*115-116. CHURCH CHOIR DIRECTING AND REPERTOIRE. Fundamentals of directing. Study of standard repertoire, including chants, polyphonic, Russian, and modern music. Practice directing. Special fee. First semester (1), second semester (1). MR. COLLINS.

*For special fees for these courses see p. 83.

*Applied Music

PIANO 1-2, 3-4, 101-102, 103-104. The mastery of the essentials of good technique including tone, phrasing, pedaling, etc., combined with the systematic study of representative works from the classical, romantic, and modern schools. Students of all degrees of proficiency are admitted. Instruction is adapted to the needs of the individual. **MISS WELKER.**

ORGAN 1-2, 3-4, 101-102, 103-104. Training for both professional and cultural purposes; special training for church organists; opportunity for practical application in performance at chapel and vesper services. Open to beginners and advanced students. **MR. COLLINS.**

VIOLIN 1-2, 3-4, 101-102, 103-104. The violin course embraces a progressive procedure of study adapted to the actual technical and musical needs of the student; the selection of study material and a method of practice conducive to definite achievement in the playing of solo, chamber, and orchestra music of all schools of composition. Students are encouraged to study the viola in order to develop as performers and participants in chamber and orchestral music. **MR. LEWANDO.**

VOICE 1-2, 3-4, 101-102, 103-104. The comprehensive study of the art of singing for the beginning as well as the advanced student, stressing the liberation of the voice through the correct control of breath and throat; diction, rhythm, and phrasing; repertoire chosen from the classic, romantic, and modern schools to suit the particular talent of each student. **MRS. AYARS.**

OTHER INSTRUMENTS. Arrangements can be made to study viola, cello, bass viol, flute, clarinet, oboe, and other instruments not specified above. Students who do not have instruments of their own may rent them or buy them on the installment plan from the college.

PIANO, VOICE, VIOLIN, ORGAN CLASS. Classes in the foregoing are available for students who have not the time for the more intensive work required in private lessons. One semester hour's credit is given, provided the work is accompanied by the prescribed theory course.

There are special charges for all the courses listed above. See page 83.

CHORUS. Training in choral singing to the end of greater appreciation. Study of the best music available for women's voices. Emphasis on beauty of tone, diction, phrasing. Attendance required at all functions in which the Chorus has part, including Commencement pro-

*For credit in applied music see p. 50.

grams. Open to all students who pass a simple test. Chorus meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MRS AYARS.

INSTRUMENTAL ENSEMBLE. Training in ensemble playing. The group consists of strings, woodwinds, piano, organ, and various small combinations of these. Open to students who can play some instrument. Ensemble meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MISS HELD.

Note: Students may not elect (except with special permission) more than one of the following courses in the same year:

Chorus

Instrumental Ensemble

Choral Speaking

Philosophy

CARLL W. DOXSEE, Ph.D.

1-2. **THE HISTORY OF PHILOSOPHY.** A survey of the rise and development of philosophic thought in Europe. Readings, discussions, and reports. Open to sophomores, juniors, and seniors. First semester (3), second semester (3). Offered 1942-1943.

3. **LOGIC.** An introductory study with exercises in application and criticism. Open to sophomores, juniors, and seniors. First semester (3). Given in alternate years. Omitted 1942-1943.

4. **ETHICS.** An examination of various types of ethical theory together with discussion of characteristic modern ethical problems. Open to sophomores, juniors, and seniors. Second semester (3). Given in alternate years. Omitted 1942-1943.

Photography

(See Physics)

Physical Education

HELEN G. ERRETT, M.A., Assistant Professor.

ELEANOR GRAHAM, M.Ed., Instructor

Medical and physical examinations are required of freshmen, sophomores, students entering from other colleges, and those juniors and seniors participating in sports. The examining physician recommends to each student the form of physical education which will be most beneficial to her.

Physical education is required of all freshmen and sophomores. Hygiene is required of all first-year students. The lectures are given one hour a week during the first semester.

Every student taking the required physical education courses must purchase a regulation gymnasium outfit. This outfit is secured before college opens from dealers who handle the uniform adopted and required by the Physical Education Department.

The Athletic Association, under the supervision of the Physical Education Department, arranges inter-class competitive athletics and, in Andrew Mellon Hall pool, recreational swimming and life saving classes.

1-2. ELEMENTARY PHYSICAL EDUCATION AND HYGIENE.

Fall: Hockey.

Winter: Volley ball and basket ball, modern dance, swimming.

Spring: Baseball, modern dance, swimming. (Choice)

Required of freshmen. First semester (3), second semester (2).

3-4. ADVANCED PHYSICAL EDUCATION.

Fall: Hockey.

Winter: Volley ball, basket ball.

Spring: Baseball.

Open to sophomores. First semester (2), second semester (2).

5-6. SPORTS.

Fall: Tennis, archery.

Winter: Badminton, table tennis, bowling.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

Limited registration.

- 7-8. SPORTS.
Fall: Tennis, archery. (Choice)
Winter: Badminton, table tennis, bowling.
Spring: Tennis, archery.
Open to sophomores. First semester (2), second semester (2).
Limited registration.
- 11-12. RIDING.
Fall and spring only.
Open to sophomores. Another physical education course must be taken during the winter term in order to receive four hours credit for the year. A student must have written permission from home before taking riding. A fee is charged for this course.
- 13-14. ELEMENTARY GOLF AND BOWLING, RIFLE. (Fee charge)
First semester (2), second semester (2).
- 15-16. ADVANCED GOLF AND BOWLING, RIFLE. (Fee charge)
First semester (2), second semester (2).
- 17-18. MODERN DANCING FOR FRESHMEN.
Winter and spring term.
First semester (1), second semester (2).
- 19-20. MODERN DANCING FOR SOPHOMORES.
First semester (2), second semester (2).
- 21-22. SQUARE DANCING AND SOCIAL DANCING.
Open to sophomores and upper classmen.
First semester (2), second semester (2).
- 23-24. BEGINNING SWIMMING. (Fee charge)
First semester (2), second semester (2).
- 25-26. ADVANCED SWIMMING. (Fee charge)
First semester (2), second semester (2).
- 27-28. INDIVIDUAL GYMNASTICS.
Substituted for regular class work on advice of the College Physician and Physical Director.
First semester (2), second semester (2).
- 101-102. ADVANCED MODERN DANCING.
First semester (2), second semester (2).

103. **METHODS.**
Methods and principles of teaching health education, health service, and physical education in the elementary grades. Open to juniors and seniors. First semester (2).
104. **PLAYS AND GAMES.**
A study of games and folk dances which will be found practical in social service and playground work, also for recreational leaders in summer camps. Open to juniors and seniors. Recommended for students of elementary education. Second semester (2).
106. **PHYSICAL EDUCATION.** Given in alternate years; offered 1942-1943.
Methods and technique of teaching physical education. One hour of theory and two hours of practice in coaching and officiating in sports.
Given each year provided three or more sign for the course. Second semester (3).
- 107-108. **RECREATIONAL LEADERSHIP.**
A survey course to train young people in the methods of group leadership and the practical application of these; of value to camp counsellors and social service leaders.
The course is prepared to train persons to serve the following groups:
 a. Men in Service
 b. Groups of all ages in concentrated areas.
 c. Children in shelters or as evacuees.
There will be two lectures and a three-hour laboratory period once a week.
First semester (3), second semester (3).

Note: Courses 103, 104, 106, 107-108 carry credit towards the 120 hours necessary for graduation.

Physical Sciences

EARL K. WALLACE, Ph.D., Professor

A. W. SCHOLL, Ph.D., Instructor

E. E. STICKLEY, B.S., Instructor

Astronomy

1-2. **DESCRIPTIVE ASTRONOMY.** An elementary course dealing with the study of the solar and stellar systems. The work includes the development of astronomy as well as the methods by which astronomical facts are ascertained. The laboratory periods will be spent in solving astronomical problems, in making telescopic observations, in studying charts and photographs. Two lectures, one recitation and one two-hour laboratory period a week. First semester (3), second semester (3). Given in cooperation with Buhl Planetarium and Institute of Popular Science. MR. STICKLEY.

Astronomy 1-2 fulfills the science requirement.

Chemistry

Students majoring in chemistry will take Chemistry 1, 2, 3, 4, 105, 106, 111, and 112 together with courses from other departments in fulfillment of the general requirements for graduation. Additional required courses are dependent on the particular field which the candidate wishes to enter. They are as follows:

- (a) Graduate study: Chemistry 107, 109, 110, courses in physics, biology, mathematics 1, 2, 5, and 6, German and French.
- (b) Industrial laboratory work: Chemistry 107, 108, 109, 110, physics, and mathematics.
- (c) Health and medical laboratory work: Chemistry 107, 108, biology 1-2, bacteriology, and histology.
- (d) Chemical library and secretarial work: mathematics, economics, English composition and literature, history, German, French, shorthand and typewriting.

1-2. **INORGANIC CHEMISTRY.** The fundamental chemical principles and theories in conjunction with the study of metallic and non-metallic elements and their compounds.

The laboratory groups are divided into two sections: one section for students who are beginning the study of chemistry, and the other for students who have had a course in chemistry in preparatory school. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3). Second semester (3). MR. WALLACE.

Chemistry 1-2 fulfills the science requirement.

3. **QUALITATIVE ANALYSIS.** A comprehensive study of theory and laboratory practice involving the separation and identification of basic and acidic ions and radicals, by the semimicro technique. Theory includes solutions, mass action, electrolytic dissociation, chemical equilibria, and oxidation-reduction reactions. Prerequisite: Chemistry 2. Two lectures, one recitation, and six hours of laboratory work per week. First semester (4). MR. SCHOLL.

4. **QUANTITATIVE ANALYSIS.** The theory and practice of gravimetric and volumetric analysis. The principles, errors, applications, and representative problems for precipitation, acidimetry, alkalimetry and oxidation-reduction determinations will be studied. Prerequisite: Chemistry 3. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. SCHOLL.

105. **ORGANIC CHEMISTRY.** A brief study of the preparations, reactions, and properties of the classes of aliphatic and aromatic compounds. Laboratory work: preparations and tests of organic compounds. Prerequisite: Chemistry 1-2. Two lectures, one recitation, and five hours of laboratory work. First semester (4). MR. WALLACE.

106. **ORGANIC CHEMISTRY.** Extensive comparison and contrast between aliphatic and aromatic compounds. Laboratory work: organic preparations and qualitative analysis of organic compounds and mixtures. Prerequisite: Chemistry 105. Two lectures, one recitation, and five hours of laboratory work. Second semester (4). MR. WALLACE.

107. **ADVANCED QUANTITATIVE ANALYSIS.** Chemistry of foods and food products. Analyses, by standard methods, of carbohydrates, fats, proteins, etc., in raw and manufactured products. Prerequisite: Chemistry 4 and Chemistry 106. Two lectures, and eight hours of laboratory work. First semester (4). MR. WALLACE.

108. **BIOCHEMISTRY.** The chemistry of foodstuffs relative to body metabolism and requirements for normal nutrition. Experimental study of carbohydrates, fats, proteins, and of animal metabolism including the analysis of body fluids, tissues, and catabolic products. Prerequisite: Chemistry 4 and 106. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. WALLACE.

109-110. **PHYSICAL CHEMISTRY.** A study of properties of gases, liquids, solids, and solutions; thermochemistry; chemical kinetics; electrical conductance; and atomic theory. Prerequisite: Chemistry 4. —Calculus advised. Two lectures, one recitation, and six hours of laboratory work. First semester (4), second semester (4). MR. SCHOLL.

111-112. **CHEMISTRY SEMINAR.** Discussion of topics of interest in physical science. Required of juniors and seniors majoring in chemistry. A part of the time is utilized in preparing for the senior comprehensive in chemistry. One hour a week. First semester (1), second semester (1). **CHEMISTRY AND PHYSICS FACULTY.**

Majors in Dietetics may take Chemistry 4 after completing Chemistry 2, and Chemistry 108 after completing Chemistry 4 and Chemistry 105.

Geology and Geography

1-2. **FUNDAMENTALS OF GEOLOGY AND HISTORICAL GEOLOGY.** A study of earth materials and processes acting on the atmosphere, hydrosphere, and the lithosphere. In the second semester, a study of the history of the earth and its inhabitants. Two lectures, one recitation, and one two-hour laboratory period or field trip a week. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

Geology 1-2 constitutes a year's course in fulfillment of the science requirement.

3. **FUNDAMENTALS OF GEOGRAPHY.** A study of earth materials and processes, including the relation of man to his natural environment. Two lectures, one recitation, and one two-hour laboratory period each week. Second semester (3). Given in alternate years; offered 1942-1943. **MR. SCHOLL.**

Physics

1-2. **DESCRIPTIVE PHYSICS.** A broad general course for those who do not intend to major in one of the sciences. Applications to everyday life are emphasized. Two lectures, one recitation, and one two-hour laboratory period a week. First semester (3), second semester (3). Physics 1-2 fulfills the science requirement. **MR. STICKLEY.**

3-4. **GENERAL PHYSICS.** Principles and applications of mechanics, heat, kinetic theory of gases, electricity, sound, and light; introduction to modern physics. Science majors electing physics will take this course. Two lectures, two recitations, and one two-hour laboratory period a week. First semester (4), second semester (4). Physics 3-4 fulfills the science requirement. **MR. STICKLEY.**

106. **PHOTOGRAPHY.** A study of the processes of photography and of the hand camera, its uses and limitations, with the aim of enabling the student to take pictures intelligently for pleasure and scientific

use. Two lectures and one two-hour laboratory period a week. First semester (2). Staff members. Given alternate years; offered 1942-1943.

Political Science

(See History)

Psychology

DOROTHY M. ANDREW, Ph.D., Assistant Professor

Students majoring in Psychology are expected to take the following sequence of courses:

Psychology: Courses 1, 101, 102, 103, 104, 105, 106, 107, 108.

Educational Tests and Measurements (Education 102).

Statistics (Mathematics 3).

1. GENERAL PSYCHOLOGY. A general introduction to the study of human behavior;—nervous system, drives, learning, attention, personality, intelligence, and abnormal behavior. Prerequisite to all courses in the department. Open to sophomores, juniors, and seniors. First semester (3).

2. EDUCATIONAL PSYCHOLOGY. Contributions of psychology to education; statistical techniques, basic principles of measurement; interest, attitude, aptitude, achievement, personality measurement; learning, motivation; importance of individual differences, the intellectually gifted, the sub-normal, and the maladjusted child. Open to sophomores, juniors, and seniors. Prerequisite: Psychology 1. Second semester (3).

101. CHILD PSYCHOLOGY. Growth and development of motor abilities, emotions, intelligence, language, and social behavior; special emphasis upon problems of adjustment. Prerequisite; Psychology 1. First semester (3).

102. ABNORMAL PSYCHOLOGY. History of abnormal psychology and of the mental hygiene movement; causes, symptoms, and treatment of the major organic and functional mental disorders, and of the neuroses; therapy—medical, psychoanalytic, and occupational. Prerequisite: Psychology 1. Second semester (3).

103. PSYCHOLOGY IN PERSONNEL WORK. General aspects of personnel and guidance procedure. Selection and placement. An evalua-

tion of techniques available to vocational counsellors and personnel managers; special ability and proficiency tests, rating scales, interest, attitude, and personality scales; the interview and letters of application. Occupational trends, the occupational hierarchy, and requirements for success. A consideration of labor turnover, wages, and incentives. Factors to be considered in choosing a vocation. Prerequisite: Psychology 1. First semester (3).

104. SOCIAL PSYCHOLOGY. A study of relationships arising from interacting individuals; inherited traits and maturation, drive, attitudes, habit, imitation, suggestion, suggestibility, and propaganda; psychology of leadership, of juvenile delinquency, and the importance of age and sex factors in social adjustment. Prerequisite: Psychology 1. Second semester (3).

105-106. SEMINAR IN PSYCHOLOGY. Readings and discussion of systematic psychology, with emphasis on preparation for graduate work in psychology and related fields. In addition, each student will study clinical psychology and the administration of individual mental tests. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years: offered 1942-1943.

107-108. EXPERIMENTAL PSYCHOLOGY. Applications of experimental method in psychology. Original investigations. Laboratory fee. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

109-110. A COORDINATING COURSE in preparation for the senior comprehensive in psychology. First semester (1), second semester (1).

Religious Education

N. R. HIGH MOOR, M.A., D.D., Lecturer

1. RELIGION. The history of the birth and life and death of the Hebrew Commonwealth. A reviewing of the thought and customs of the contemporaries of the Hebrew; the study of an analyzation of the philosophical, sociological, and economic forces at work within the Hebrew Commonwealth; a noting of the part that legend, tradition, and great historic characters played in the formation and life of the Hebrews. First semester (3). Given in alternate years; offered 1942-1943.

2. RELIGION. A study and interpretation of the Life of Jesus; His creative and progressive influence on society. Second semester (3). Given in alternate years; offered 1942-1943.

3. RELIGION. A study in the practical application of religion to the meeting and solving of problems, individual and social, that affect us. Also, a study of the religious trend and emphasis in modern essays, poetry, writings, and editorials. First semester (3). Given in alternate years; offered 1943-1944.

4. RELIGION. The study of hymns, orations, and stories in Biblical literature, with a view, not only to the appreciation of their literary merit, but for the underlying message and its historical background and its significance in the light of modern problems. Second semester (3). Given in alternate years; offered 1943-1944.

Secretarial Studies

HANNA GUNDERMAN, M.Ed., Assistant Professor of Secretarial Studies

Students planning to enter the secretarial field are advised to elect courses in English composition, economics, general psychology, and statistics.

1-2. TYPEWRITING. Instruction given in the technique of operating the typewriter and in the development of speed and accuracy. Arrangement of business letters, tabulations, manuscripts, office forms, and mimeographing. Course open to students desiring to prepare for secretarial work using their liberal arts training as a background and also to those desiring a working knowledge of typewriting for personal needs. Meets three hours a week. First semester (1), second semester (1). No credit unless taken in conjunction with Shorthand 101-102.

Section A: Open only to students who have had no previous instruction in typewriting.

Section B: Prerequisite, one semester of typewriting.
Given only second semester.

3. ELEMENTARY ACCOUNTING. A study of the fundamentals of accounting and double entry bookkeeping developed through problems and practice sets. First semester (3).

101-102. SHORTHAND. An intensive course in the mastery of the principles of Gregg shorthand. Students who register for Shorthand 101-102 must also register for Typewriting 1-2 unless they have had

this course or its equivalent. Meets three hours a week. Open only to juniors and seniors. First semester (2), second semester (2).

103-104. STENOGRAPHY AND OFFICE PRACTICE. Advanced dictation and transcription. Study and practice in the varied duties of a secretary, instruction and practice in the use of office equipment such as the mimeograph, dictaphone, etc. Filing, indexing, handling of general correspondence. Six hours recitation weekly. Prerequisites: Short-hand 101-102 and Typewriting 1-2, or their equivalents. First semester (3), second semester (3).

Sociology and Economics

EDWARD W. MONTGOMERY, Ph.D., Professor

DOROTHY A. SHIELDS, Ph.D., Assistant Professor

*KENNETT W. YEAGER, A.M.

Students majoring in sociology and economics must have not less than thirty semester hours in the social studies, of which not less than twenty-one semester hours must be in the Department of Sociology and Economics. The twenty-one semester hours in the Department of Sociology and Economics must include Sociology 1, 2, 107 and 109, and Economics 1-2; and in the total of thirty hours there must be included Mathematics 3. Sociology 1-2 and Economics 1-2, or the consent of the instructor, are prerequisites for all other courses in this department.

Sociology

1. PRINCIPLES OF SOCIOLOGY. The purpose of this course is to introduce the student to the idea of a scientific study of social phenomena, to familiarize her with the more important sociological concepts, and to describe the more important characteristics of contemporary society. First semester (3). MR. MONTGOMERY.

2. SOCIAL PROBLEMS. An analysis of contemporary social problems from the points of view of extent and importance, causes, and possibilities of correction. Second semester (3). MR. MONTGOMERY.

101. POVERTY. A study of the extent, causes, and consequences of poverty, and an analysis of social work and of various proposals for social reform as methods of dealing with the problems of poverty. First semester (3). Given in alternate years; offered 1943-1944.

*Substitute during first semester.

102. **CHILD WELFARE.** A study of the problems of needy children—dependency, neglect, physical and mental handicaps, behavior and personality problems, and child labor—with particular emphasis on contemporary child welfare programs. Second semester (3). **MR. MONTGOMERY.**

103. **POPULATION PROBLEMS.** Early population theories and practices; factors affecting the rate of growth and density of population; population trends; consequences of differential rates of growth; racial composition of the United States and other countries. World population and world markets; food supply; resources; population policies of various countries. First semester (3). Given in alternate years; offered 1942-1943. **MR. MONTGOMERY.**

104. **THE CITY.** This course covers such topics as the rise of modern cities, the ecology of the modern city, urban institutions and social organization, social disorganization, and personality adjustment in the modern city. Second semester (3). Given in alternate years; offered 1943-1944.

105. **CRIME AND ITS SOCIAL TREATMENT.** A study of juvenile and adult delinquency, police and court systems, penal and reformatory institutions, probation and parole, and methods of preventing delinquency. First semester (3). Given in alternate years; offered 1943-1944.

106. **SOCIAL LEGISLATION.** A comparative study of social legislation in Europe and the United States, particularly in regard to relief, social security, minimum wages, and public works. Second semester (3). Given in alternate years; offered 1943-1944.

107. **THE FAMILY.** Forms and functions of the family in different societies. Social, economic, and other factors affecting family relationships, with particular reference to contemporary trends and problems. First semester (3). **MR. MONTGOMERY.**

108. **SOCIAL CONTROL.** A study of mores, religion, propaganda, advertising, education, and other devices out of which uniformities in behavior and thinking develop and by means of which conformity to social codes is secured. Second semester (3). Given in alternate years; offered 1942-1943. **MR. MONTGOMERY.**

109. **SOCIOLOGY SEMINAR.** Consideration of contemporary social thought with particular reference to the interrelationships of the several fields of sociology and of the relationship of sociology to other disciplines. Second semester (3). **MR. MONTGOMERY AND MISS SHIELDS.**

Economics

1-2. **ELEMENTARY ECONOMICS.** A study of the development and characteristics of economic production and an analysis of demand, supply, price, money, banking, foreign exchanges and tariffs. A study of the distribution of wealth and income, methods of economic regulation and control, and problems of social reorganization. First semester (3), second semester (3). Miss SHIELDS.

4. **THE CONSUMER IN MODERN SOCIETY.** This course is built on the practical need for preparing students to become intelligent consumers. Appreciation and mastery of the technique of making wise choices are emphasized through study and analysis of consumers' problems. Second semester (3). Given in alternate years; offered 1943-1944.

101. **LABOR PROBLEMS.** An analysis of the relations of workers with one another, with employers and with the State. A study of labor organizations, personnel work, and labor legislation. First semester (3). Miss SHIELDS.

102. **CONTEMPORARY ECONOMIC PROBLEMS.** A description and analysis of recent economic, political, and social problems in the United States, and the conditions out of which they have arisen. Second semester (3). Given in alternate years; offered 1942-1943. Miss SHIELDS.

Spanish Language and Literature

RUTH E. STAPLES, A.M., Instructor

The requirements for students majoring in modern languages are stated in connection with the requirements of the French Department. For information about the reading test, see Foreign Languages, page 18.

1-2. **ELEMENTARY SPANISH.** Study of the fundamentals of grammar. Reading of easy texts dealing with Hispanic civilization. Conversation based upon texts read. Open to students who have had no Spanish, or one year of high school Spanish. First semester (3), second semester (3).

3-4. **INTERMEDIATE SPANISH.** Readings in modern Spanish and Spanish-American literature, particularly representative short stories and novels. Study of syntax, composition, and conversation. Open to students who have presented two or three units of Spanish at entrance or who have taken Spanish 1-2 or its equivalent. First semester (3), second semester (3).

107-108. HISTORY OF SPANISH LITERATURE FROM THE ORIGINS THROUGH THE GOLDEN AGE. Critical study of Cervantes, Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and the Picaresque novel. Collateral readings and reports. Prerequisite: Spanish 3-4 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

109-110. HISTORY OF SPANISH LITERATURE FROM THE GOLDEN AGE TO THE PRESENT TIME. Literary and social aspects of the different periods. Critical study of the modern novel and drama. Collateral readings and reports. First semester (3), second semester (3). Prerequisite: Spanish 3-4 or its equivalent. Given in alternate years; offered 1943-1944.

Speech

VANDA E. KERST, Professor

MARGARET ROBB, Ph.D., Assistant Professor

Students majoring in the Speech Department will be expected to take in

SPEECH: A minimum of thirty-two semester hours, including Speech 3-4 and 7-8.

OTHER FIELDS: Two year-courses in English Literature, and Physical Education 17-18 or 19-20 and 101-102.

Arrangements for private instruction in Speech are made with the head of the department.

1-2. FUNDAMENTALS OF SPEECH. A general introductory course including the re-education of speech habits; improvement of everyday speech; practice in public speaking; interpretation of different forms of literature; and the study of phonetics. Required of all students in the Lower Division who have not passed the achievement test. First semester (3), second semester (3). MISS KERST, MISS ROBB.

3-4. ORAL INTERPRETATION OF LITERATURE. The objective of this course is an understanding and appreciation of literature through reading it aloud. It includes the interpretation of various forms of literature: poetry, prose, and the drama. Prerequisite or co-requisite: Speech 1-2. First semester (3), second semester (3). MISS KERST.

5-6. PUBLIC DISCUSSION. The study of clear, orderly, and logical presentation of ideas; practice in extemporaneous speaking and various forms of discussion and debate. Students who have completed this course may register for the second semester of a following year, with

a three hour credit. Prerequisite: Speech 1-2. First semester (3), second semester (3). MISS ROBB.

7-8. **SPEECH CORRECTION.** A study of the symptoms, etiology, and therapy of all minor speech and voice defects and disorders. Clinical demonstrations. Prerequisite: Speech 1-2. First semester (2), second semester (2). Offered 1943-1944.

9-10. **CHORAL SPEAKING.** Consideration of the artistic and educational values of choral speaking; selection and treatment of material suited to group interpretation; special attention to vocal technique. First semester (1), second semester (1). MISS KERST.

101-102. **PLAY PRODUCTION.** A lecture and laboratory course in acting and stagecraft; practice in designing and executing settings and costumes; presentation of one-act plays. Two recitations and four laboratory hours a week. Laboratory fee five dollars a semester. Prerequisite: Speech 1-2. First semester (3), second semester (3). Offered 1943-1944.

103-104. **RADIO BROADCASTING.** The course includes a survey of the past, present position, and future possibilities of radio; experimentation with techniques in present use, also new ones; preparation and presentation of radio programs; writing scripts, advertising, educational programs. The presentation of programs on the air is made possible through the facilities of local radio stations. Prerequisite: Speech 1-2. First semester (3), second semester (3). Miss Kerst, assisted by the departments of English, writing, music and physics.

105-106. **CHILDREN'S LITERATURE.** Story telling, creative dramatization, and a study of source material. Prerequisite: Speech 1-2. First semester (3), second semester (3). Given in alternate years; offered 1942-1943.

Note: Students may elect (except with special permission) only one of the following courses in any one year:

Chorus

Instrumental Ensemble

Choral Speaking

General Information

Location

THE College is situated on Woodland Road in the residential part of Pittsburgh, near the East Liberty and Squirrel Hill districts. Trains from the east stop at the East Liberty station which is approximately a mile and a half from the college. Students arriving from the west come into the Pennsylvania station, the Pittsburgh and Lake Erie, or the Baltimore and Ohio, all of which are in the downtown part of the city. A taxicab makes the trip to the college in about twenty minutes.

Buildings

BERRY HALL, the administration building, was acquired as a part of the property when the College was founded. It was then a dignified and spacious family residence. It has been remodeled and much enlarged to fit it for college purposes. Its wide central staircase and hall, high ceilings, and fine old woodwork create an atmosphere of gracious and homelike individuality which the College desires to maintain.

WOODLAND HALL, a modern, fireproof dormitory, well furnished, attractive and comfortable—housing 100 students—is situated on the crest of the campus, surrounded by trees and overlooking the amphitheatre. Additional dormitory space is provided in Stony Corners and Broadview, two houses adjoining the campus, which accommodate twenty-five students.

JAMES LAUGHLIN MEMORIAL LIBRARY was opened in January 1932, and provides ample accommodations for faculty and student needs. The book stacks are open to the students who have free access to the 23,580 volumes in the library. This collection is supplemented by books borrowed from the Carnegie Library of Pittsburgh. During the academic year the library is open from eight to half past five, and also from seven to ten in the evening, every day in the week except Saturday when it is open from eight to three. On Sunday it is open from two to five.

LOUISE C. BUHL HALL OF SCIENCE, completed in January 1931, houses the departments of botany, zoology, chemistry, physics, and psychology. Each department has laboratories, preparation rooms, offices, and lecture rooms. It contains a large science library and seminar room. The equipment throughout is the most modern and complete obtainable.

ANDREW MELLON HALL was given to the College by Mr. Paul Mellon in July, 1940, and was first occupied by the College in December of that year. It is a dignified and beautiful mansion containing approximately thirty rooms, a thoroughly equipped swimming pool of the regulation size, bowling alleys, a recreation room and student social centers. Here also are rooms for the classes in Home Economics, the Alumnae Association, the Faculty Club, and various college organizations. A limited number of resident students have rooms in this hall.

DILWORTH HALL, one of the oldest buildings, has class rooms and the assembly hall.

THE GYMNASIUM is fitted with the most approved modern apparatus.

ART CENTER. A building on the Mellon Estate has this year been remodelled and thoroughly equipped to serve the departments of music, art, and modern dancing. On the first floor there is a recital hall with a seating capacity of 200, suitable for small recitals and for classes in modern dance, an art studio, a piano studio, and theory room. On the second floor are voice and violin studios and practice rooms.

THE PRESIDENT'S HOME, adjacent to Woodland Hall, plays a large part in the social life of the students.

THE COLLEGE has recently acquired an astronomical telescope built by the late Dr. John Brashear. The instrument is a six-inch refractor, and is equipped with clockwork drive as well as the usual manual controls. This mechanism allows the continuous observation of planets and stars in their diurnal motion. In addition, a system of mirrors for photographic work is part of the equipment. The complete assembly was designed and built by one of the recognized masters of fine instrument construction; it is a valuable addition to the equipment of the science department.

Residence

Life in the dormitories is an essential part of the College educational program, for it is here that the students have opportunity to practise the art of living together. Residents of the dormitories are responsible for establishing and maintaining satisfactory social conditions in the house. They elect their own officers who cooperate with the resident

hostesses and with the administration in the promotion of their academic and social interests.

In Woodland Hall the drawing rooms, the sun parlor, the large verandas, the dining room with small tables and well served meals, are part of the atmosphere of a large home.

Rooms in Woodland Hall are reserved in the order in which application for them is received. The rooms in Andrew Mellon Hall are reserved for upper classmen. Returning students may reserve rooms for the next year in May at which time a deposit of \$10.00 must be made. After August first unreserved rooms are assigned to new students. The \$10.00 deposit will be credited on the second semester bill.

Residence in the dormitories is required of all students who do not live at home. Any exception to this regulation must be granted by the Dean.

Each student may have ten nights a semester away from the dormitories. It is expected that these will be taken over week-ends unless special permission has been granted by the Dean.

Health

The health of students is carefully supervised. Medical and physical examinations are required at the opening of the college year of all entering students and sophomores. These examinations are given by the staff of the Physical Education Department and the college physician, assisted by the college nurse. The college physician is called in case of illness on the part of students, unless the parents have expressed a preference for their family physician.

The resident trained nurse has charge of all cases of illness except those of a serious or prolonged nature which require the services of a private nurse. The College is so situated in Pittsburgh that the best medical attention is always available.

THE INFIRMARY, which now occupies a wing on the ground floor of Woodland Hall, has been enlarged and refurnished through the generosity of the Alumnae Gift Fund. New and modern equipment has been provided for the patients' rooms, doctor's offices and nurse's quarters, and provision has been made for the isolation of infectious cases.

Religious Life

The College has from the beginning been Christian in its ideals. Originally a Presbyterian college, it is now non-denominational and welcomes students of every faith.

Students in residence are expected to attend the church of their choice and the occasional vesper services held at the College on Sunday evening.

Chapel services are held regularly during the week with the Thursday morning assembly in charge of the Student Government Association. A limited number of absences from these exercises is permitted.

The Y.W.C.A. has an active place in the life of the students. The association is fundamentally a religious organization, with activities and interests so varied as to appeal to every student. The association cooperates with welfare agencies in the city and contributes to philanthropic and missionary work at home and abroad. Delegates are sent to intercollegiate conferences and an active part is taken in all work looking toward the strengthening of the religious forces of the college life. Many of the chapel services are planned and conducted by the Y.W.C.A.

Social Life

The College emphasizes social life as an essential part of a liberal education. It makes full provision for varied social activities ranging from formal receptions to the most informal of class entertainments. A number of dances, teas, and other social functions are held during the year. Hospitality is extended to both men and women students from neighboring colleges and universities. Resident and non-resident students share alike in the social life of the College.

Freshman Week

All freshmen are requested to register at the College on Monday morning, September 21. Monday and Tuesday will be given over to placement tests, and to brief talks by the President, Dean, and student officers to acquaint them with P. C. W. traditions and ideals. Opportunity will also be given during these days for informal social gatherings with both faculty and students. It is hoped that with this introduction to the college year the necessary adjustments will be made more easily, and the student will soon feel herself a responsible member of the student body.

Student Organizations

The student body is organized into the Student Government Association, membership in which is automatic upon matriculation. The discipline of the College is largely in the hands of this organization. It is governed by the Student Government Board whose members are elected by the student body. The Board is represented on the Faculty-Student Council, which meets to consider questions relating to college activities and policies.

The student Y.W.C.A. is an active association whose work is described under "Religious Life."

The Athletic Association, of which every girl in College is a member, offers advantages to all students. Field hockey, archery, rifle, horseback riding, golf, volleyball, basketball, tennis, track, baseball, badminton, ping-pong, swimming and bowling are offered. Good sportsmanship and "a game for every girl" are the aims of the association. Awards are made at the end of the college year for outstanding achievement in athletics.

The Student Activities Council, organized to take the place of departmental clubs, acts as a clearing house for all student activities. It also promotes social and educational projects in which all members of the student body may participate. It is composed of the presidents of Student Government, Athletic Association, Young Women's Christian Association, Woodland Hall, and of the four classes. Included also in the Council are the First Vice-President of Student Government, Second Vice-President of Student Government, Social Chairman of YWCA, Arrow Editors, two members at large, and the Dean and two faculty members. Among the projects of the Student Activities Council for the year 1941-1942 were a Fiesta, the proceeds of which helped to fill the PCW disaster chest for Defense; discussion groups; and an inter-class play contest held in the spring of the year.

The Glee Club and the Instrumental Ensemble are student organizations whose activities are described under the work of the Music Department.

There are two student publications: *The Pennsylvanian*, published biennially, a pictorial and literary summary of student activities and student life; and *The Arrow*, published monthly, which combines the features of a newspaper and a literary magazine. All students may contribute to *The Arrow*, and students in the class in journalism consider it a laboratory for practical work in the journalistic field.

Lecture Program

The college provides a special lecture series each year by men and women of national and international importance. These speakers are frequently entertained at the college, when both students and faculty have an opportunity to meet them informally. Guests are welcome at these lectures. The program for the year 1941-1942 included the following:

MORTIMER J. ADLER, Law School, University of Chicago

AUKELIA REINHARDT, President, Mills College, Oakland, Cal.

CARL SANDBURG, Poet and Biographer of Lincoln

HARVEY GAUL, Composer, Organist, Calvary Church, Pittsburgh

MARY B. GILSON, Department of Economics, University of Chicago,
Author of *What's Past is Prologue*

SARA M. SOFFEL, Judge, Common Pleas Court, Allegheny County

ARTHUR H. COMPTON, Professor of Physics, University of Chicago

HANS BASSERMAN, Violinist, Pittsburgh Symphony Orchestra, Pittsburgh, Pennsylvania

Vocational Guidance

The College gives careful attention to vocational guidance. Students may avail themselves of vocational interest tests early in their college course, and guidance is given them in the selection of courses to provide the proper background for specialized work. Speakers representing various professional fields are secured and conferences with vocational experts are provided.

The Dean's Office gives graduates every assistance in securing placement. Students are given an opportunity to indicate their employment preferences, and constant effort is made to refer qualified students to prospective employers. This office also attempts to maintain contact with graduates who are already placed and to learn from them of openings which other students might fill. The placement service is rendered without charge and is available to each student and graduate as long as she is seeking placement.

A bulletin entitled "Careers of Distinction" is issued by the college. It gives information concerning the preparation necessary for some fifty occupations which are open to women, and also shows how liberal arts training may be planned at Pennsylvania College for Women to form a background for subsequent careers.

Teacher Placement Service

Attention of graduates is called to the Placement Service, Teacher Bureau, of the Department of Public Instruction. No enrollment fee is required and no charge is made for any service rendered by the bureau. Blank forms for enrollment and circulars containing full particulars with regard to the work of the bureau may be obtained by addressing the Assistant Director, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania.

The College endeavors to assist in locating available positions for those members of the graduating class who receive the teaching certificate. The head of the department of education each year visits the leading high schools of Allegheny and adjoining counties to learn of possible vacancies in the schools.

Alumnae contemplating a change in teaching positions, who wish the help of the College, are asked to communicate with the department of education. All those knowing of teaching vacancies will render the College a service by sending in a notice of such vacancies.

Adjustment Institute of Pittsburgh

The Adjustment Institute of Pittsburgh is an association of specialists and administrators representing Pittsburgh colleges and universities, public and parish schools, medical, personnel and child guidance groups. It is concerned with research, demonstration and publication, in the field of mental-emotional personality adjustment and allied education.

Research is under way in medicine, psychiatry, psychology, sociology and employment, with demonstration in one of the large City high schools, and in industry. The Institute is under grant from the Carnegie Corporation of New York and subsidies from the University of Pittsburgh and Pennsylvania College for Women, administered by this College.

Scholarships and Loans

Applications for scholarships, loans or service scholarships, as well as permission to take the competitive examinations for the freshman scholarships should be made to the Dean of the College.

COMPETITIVE SCHOLARSHIPS FOR FRESHMEN

A limited number of competitive scholarships will be awarded to freshmen entering Pennsylvania College for Women in September, 1942. Awards will be based on an examination to be given at the college in the spring, on the school record, and on the personal qualifications of the candidate. The scholarships range in value from \$50 to \$165 for day students, and from \$50 to \$330 for resident students, depending on the financial need. The continuance of the scholarship beyond the freshman year depends upon the academic standing of the student and her financial need.

A personal interview is necessary in all cases before the scholarship is finally assigned. This interview should take place at the college whenever possible.

Applications for taking the examination must be filed in the Dean's office.

SERVICE SCHOLARSHIPS

A limited number of service scholarships are available to deserving and industrious students from any of the four classes in college. The obligations connected with these scholarships consist mainly of assisting in the library and laboratories, doing clerical work, and serving in the dining hall and cafeteria.

OTHER SCHOLARSHIPS

A limited number of endowed scholarships and scholarships contributed by individuals and groups are open to outstanding students of the three upper classes. These scholarships are awarded on the basis of academic standing, character, and financial need. In addition, a considerable sum for student-aid is appropriated by the College from its current income.

A few competitive scholarships are available in applied music. Examinations for these will be given in the spring or early in the first semester. Under this plan, scholarships are available for both class lessons and private lessons in applied music.

The College offers a scholarship at the Marine Biological Laboratory at Woods Hole, Massachusetts. This scholarship covers the cost of tuition for work done in the laboratory and is given to a student in the Biology Department who has done outstanding work.

Mu Sigma Chi offer two small scholarships each year to students majoring in the fields of Chemistry and Biology.

In addition to these scholarships the following have been established:

THE STUDENT GOVERNMENT ASSOCIATION offers two scholarships of \$150 each as a memorial to the late Cora Helen Coolidge, for many years president of the College.

THE HELEN E. PELLETREAU SCHOLARSHIP FUND is a fund which has been raised by the Alumnae to establish a scholarship in honor of Miss Helen E. Pelletreau, for many years president of the College. At the present time four or five students each year receive scholarships from this fund. The fund has not yet been made up to the full amount necessary and contributions to it are earnestly solicited. They should be sent to Miss Edna M. Reitz, 912 East End Avenue, Pittsburgh. The scholarships are awarded for one year by the Scholarship Committee of the Alumnae Association.

THE MARY HAWES NEVIN SCHOLARSHIP fulfills a wish expressed by the late Mary Hawes Nevin, an alumna of the class of 1896. Her family gave a sum of \$6,000 to establish a scholarship to bear her name.

THE COLLOQUIUM CLUB SCHOLARSHIPS were established in 1919 by the Colloquium Club of Pittsburgh to promote and maintain the interest of the club in the growth of the College. The scholarships are awarded on recommendation of the Scholarship Committee of the club. Four scholarships of \$100 each are given every year.

THE PITTSBURGH FEMALE COLLEGE ASSOCIATION MEMORIAL SCHOLARSHIP was established as a perpetual memorial to the Pittsburgh Female College Association, and is to be given each year to a member of the junior class of outstanding rank who has also made a real contribution to the college life. This scholarship is awarded without regard for the financial need of the student.

THE MARY ROBBINS MILLER SCHOLARSHIP FUND was given by alumnae and friends of Mrs. Miller, a former Alumna trustee of the College. It provides an annual income which is available for students in any class.

THE CORA HELEN COOLIDGE MEMORIAL SCHOLARSHIP, given by the Pittsburgh Colony of New England Women, is awarded each year to a member of the freshman class. This scholarship is for \$150 and is given to a student for one year only.

ANNA DRAVO PARKIN MEMORIAL HISTORY PRIZE: This annual prize of \$50 is to be awarded at commencement time to a history major in the senior class who has been a student in the college for at least two years, and who has maintained the best standing in the department. The prize is given in memory of Anna Dravo Parkin, a member of the class of 1936, by her grandmother, Mrs. Anna Dravo Parkin.

THE JANE B. CLARK MEMORIAL SCHOLARSHIP: A scholarship fund has been established in the name of Jane B. Clark, a teacher for many years at Pennsylvania College for Women, by a group of alumnae. The income from this fund is awarded annually to deserving students.

THE JANET L. BROWNLEE SCHOLARSHIP: The alumnae of Dilworth Hall have established this scholarship in honor of Miss Janet L. Brownlee, the former Principal of Dilworth Hall.

THE SOCIETY OF PENNSYLVANIA WOMEN OF NEW YORK for some years gave a scholarship of \$750 a year. This scholarship, withdrawn for a period during the depression, has been re-instituted, temporarily for \$400. It is awarded to a high honor student of the Upper Division, and has done great service for exceptionally worthy students. The Society awards a graduate scholarship to Bryn Mawr College for eastern Pennsylvania, and to Pennsylvania College for Women for western Pennsylvania.

THE FLORENCE KINGSBACHER FRANK SCHOLARSHIP: A scholarship has been provided in memory of Florence Kingsbacher Frank, a graduate of Pennsylvania College for Women in the class of 1913, by her family.

All of these scholarships are awarded subject to the approval of the Dean of the College, and the recipients must meet the College scholarship requirements.

LOANS

Lambda Pi Mu, the Social Service Club of the College, in 1929 established the first College loan fund. This has been increased each year and has been used by many College students.

No interest is charged the student until a year after graduation, when five per cent interest is charged on the unpaid part of the loan.

In the past two years the Alumnae Association, class groups, and regional groups of alumnae have raised loan funds for students. The alumnae of the H. C. Frick Training School for Teachers provide loans for college seniors at P.C.W. through the Herbert Burnham Davis Memorial Loan Fund which they maintain. These loans bear no interest until one year after the graduation of the class to which the student belongs and are payable at any time after the graduation of the student. If the loan has not been returned at the end of the first year after graduation, interest at the rate of five per cent is charged.

Transcripts

Students in good standing withdrawing before graduation, and graduates, are entitled to one complete statement of their college record without charge. A charge of \$1 will be made for every subsequent copy of such record.

Dismissals

The College reserves the right to exclude at any time a student who does not maintain the required standard of scholarship, or whose continuance in College would be detrimental to her health or to the health of others, or whose conduct is not satisfactory. Students of the latter group may be asked to withdraw even though no specific charge be made against them.

Frick Community Service Summer School

The 17th summer session in social service and guidance will be held at the College from June 29 to July 18, 1942. This school is sponsored by the Henry C. Frick Educational Commission for the public school teachers of the Pittsburgh district. Its purpose is to acquaint them with the economic and social background of their students, and to provide closer cooperation between the school and the social agencies in their efforts to better social conditions in the city. Speakers from local and national social agencies are brought before the group.

Scholarships for this session may be obtained by applying to Miss Mary H. Kolb, Secretary of the Frick Commission, Union Trust Building, Pittsburgh. Pennsylvania College for Women with accommodations for 100 teachers is glad to offer the facilities of its campus for a project of such educational importance.

Charges and Expenses

Academic Year 1942-1943

PROVISIONS by the College for its maintenance are made on a yearly basis; likewise, all college charges are for the full year. No rebate or refund of tuition will be made for absence, withdrawal, suspension or dismissal.

Charges for students entering College the second semester will be one-half the stated rates for the college year.

Students carrying nine hours or less will be charged at the rate of \$10.00 each semester hour scheduled. Students who are permitted to carry more than the normal load of thirty-two hours for the year—exclusive of Physical Education—will be charged on a basis of \$10.00 per semester hour for excess hours.

Tuition for private lessons in art, music or speech is payable in advance in equal installments at the beginning of each semester, and is not subject to return or reduction.

Payments are due as stated below without presentation of bills. A charge of one-half of one per cent per month or fraction thereof for each \$100.00 or fraction thereof, will be added to all accounts not paid October first for the first semester, or March first for the second semester.

Payments must be made before a student may be enrolled in classes. In no case may a student be admitted to final examinations until all obligations to the College have been met in full previous to the date on which such examinations begin. No exception will be made without written permission from the President of the College.

Textbooks and supplies may not be charged.

A student may be graduated, receive honorable dismissal or receive a transcript of her college work only after all accounts with the College have been settled.

Checks should be made payable to the Pennsylvania College for Women.

APPLICATION FEE for all students is \$10.00 except for students carrying six hours or less when the fee is \$5.00.

Non-Resident Students

The tuition fee for the year for all non-resident students is \$330.00. The health fee of \$5.00 covers the required physical examinations and care by the resident nurse in her office.

Charge for non-resident students:

Tuition	\$330.00
Health fee	5.00
Library fee	5.00
Student Activities fee	13.00
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	\$353.00

Payable

On or before opening of College in September.....	\$236.50
On or before February 1.....	116.50
	<hr/>
	\$353.00

Resident Students

The tuition fee for the year for all resident students is \$330.00. All returning students must pay a room-reservation fee of \$10.00 by August 15. Room-reservation fees for students who are not returning will be refunded only if the college is notified by August 15 of their intention to withdraw. The fee is credited for all returning students on the second semester's bill.

A student vacating a room before the close of the year will be charged for board and room until the vacancy has been filled by an incoming student. The date of withdrawal of a student is the day on which the assistant treasurer is informed in writing of the fact by the parent or guardian, unless such withdrawal is due to a request from the College administration, in which case it is the date on which the parents are informed of this decision. No deduction is made for absences or withdrawals during the year except in cases of protracted illness, when some deduction may be made on account of board. The College reserves the right to be the sole judge in regard to the amount of such refund.

The medical fee of \$10.00 covers the required physical examinations and services of the resident nurse in the college infirmary. This fee also provides for seven days of rest and care in the college infir-

mary. A charge of \$1.50 will be made for each day in excess of seven. Charges are made for medicine and physicians' services supplied through the infirmary.

An extra charge is made for meals sent to rooms.

The College has its own laundry where students may have work done at reasonable rates.

The residence halls will be open to students on Sunday afternoon, September 20. No meals will be served in the college dining hall before Monday morning, September 21.

Charges for resident students:

Tuition	\$330.00
Board and Room	525.00
Health fee	10.00
Library fee	5.00
Student Activities fee.....	13.00
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	\$883.00

Payable

On or before opening of College in September.....	\$516.50
On or before February 1.....	366.50
	<hr/>
	\$883.00

Department Charges

APPLIED ART

One lesson a week, per semester.....	\$15.00
Two lessons a week, per semester.....	25.00

MUSIC

College Department

Private instruction in piano, organ, voice, violin

Two hour lessons a week, per semester.....	\$120.00
Two three-quarter hour lessons a week, per semester.....	90.00
Two half-hour lessons a week, per semester	60.00
One three-quarter hour lesson a week, per semester.....	45.00
One half-hour lesson a week, per semester.....	30.00
The charge for class instruction in applied music per semester	15.00

Teacher training in piano, per semester..... 12.50

Church choir directing and repertoire, per semester..... 12.50

For lessons in other instruments not specified arrangements must be made with the chairman of the department.

Practice Rooms

For use of practice room for piano, per semester.....\$ 7.50

For use of practice room for organ, per semester..... 10.00

For use of practice room for voice, violin, cello, etc., per semester 5.00

ADULT DEPARTMENT

Same as College Department.

COLLEGE PREPARATORY DEPARTMENT

(14 years to College Age)

Private instruction in piano

One half-hour lesson a week, per semester.....\$25.00

One three-quarter hour lesson a week, per semester..... 37.50

Two half-hour lessons a week, per semester..... 50.00

Junior Department

(3 to 14 years)

Preliminary class work, per semester.....\$ 6.00

Private instruction in piano

One half-hour lesson a week, per semester.....\$20.00

One three-quarter hour lesson a week, per semester..... 30.00

Two half-hour lessons a week, per semester..... 40.00

The charge for class instruction in piano plus class in Ear

Training, one period a week, per semester..... 12.50

SPEECH

Private instruction

Two half-hour lessons a week, per semester.....\$60.00

One half-hour lesson a week, per semester..... 30.00

LABORATORY AND OTHER FEES

Science courses with a two-hour laboratory period each week, per semester	\$ 6.00
Science courses with more than a two-hour laboratory period each week, per semester.....	7.50
Quantity Cookery	10.00
All other foods courses with a two-hour laboratory each week, per semester	5.00
Experimental Psychology, per semester.....	5.00
Play Production, per semester.....	5.00
Stenography (shorthand and typewriting), per semester.....	5.00
Typewriting, regular students, per semester.....	5.00
Practice Teaching	12.50
Tests and Measurements.....	2.00
Visual Education	4.00
Golf, per semester.....	2.50
Rifle Practice, per semester.....	2.50
Swimming class, per semester.....	2.50
Commencement fee, payable by seniors February 1.....	10.00

Note—There will be no refund of laboratory fees to a student withdrawing from a laboratory course after the first two weeks of a semester. Additional charges will be made for breakage.

Where special fees are assessed there will be no refund to a student withdrawing from a course after the first two weeks of a semester.

Honors and Prizes

Sophomore Honors

Awards announced on Matriculation Day, September 29, 1941, to the ten students of the class of 1943 having the highest academic standing for the first two years.

JEAN ARCHER

EDITH COLE

PEGGY DIETZ

ROSEMARIE FILIPPELLI

BARBARA HEINZ

CLAIRE HORWITZ

MARIAN LAMBIE

ALTHEA LOWE

MARJORIE NOONAN

MARION ROWELL

Prizes and Awards 1940-1941

Ann Dravo Parkin Memorial History Prize.....DOROTHY OLIVER

Athletic Association AwardJULIA WELLS

Award for outstanding contribution

to the college group.....{ROSEMARY BARCK
YVONNE DA SILVA

Essay Contest Awards.....ANNE BUTLER

Honorable Mention{JEAN BURCHINAL
BETTY VERNON

Short Story Contest Award.....JO ANNE HEALEY

Honorable MentionJANET MCCORMICK

Freshman English Prizes.....{SUZANNE MCLEAN
BARBARA SHUPP

History Prize Scholarship.....EILEEN WESSEL

Honorable MentionJANET MURRAY

History Department Awards to freshmen..{ANN MCCLYMONDS
MARTHA MCCULLOUGH

Personal Library PrizeANNE BUTLER

Pittsburgh Female College Association.....MARGARET ANDERSON

Science Department Awards.....{MARY PATRICIA DAVID
BETTY JANE GAHAGEN

Degrees Conferred in June 1941

Bachelor of Arts

**JEANNE-ANNE AYRES	MARY LINN MARKS
BETTY ANNE BACON	CAROLYN JANE MARTIN
ROSEMAY GERTRUD BARCK	**JEAN MCGOWAN
ANNE SPOTTSWOOD BUTLER	HELEN LOUISE MCINTYRE
LOUISE ANN CALDWELL	ALLISON JUNE MEYER
HAZEL ALICE CHATTAWAY	ADELAIDE CLAIRE MITCHELL
SHIRLEY ANNE CLIPSON	**MAE HANNA OETTINGER
MARY JANE DALEY	DOROTHY McNEILL OLIVER
GENE DETWILER	JANE DUNSEATH O'NEILL
MARY KATHRYN EISENBERG	GLADYS RUMMEL PATTON
MARY ELAINE FITZWILSON	JANE ATHALENE PIERCE
ELIZABETH NEIMAN FREY	*MARY BERTHA RICHARDS
DOROTHY ELEANORE GESCHWINDT	**MARY FRANCES RODD
RUTH JANET GRACEY	*MILDRED PAULINE RUDINSKY
JEAN BURLAND HAMMER	*ELEANOR KATHRYN SCHAFFER
JO ANNE HEALEY	ELIZABETH JANE SHIDEMANTLE
HELEN SHINKLE HECHT	ALICE STEINMARK
JEAN STUART HILL	RUTH ELIZABETH STRICKLAND
ELIZABETH ANN HOWARD	RUTH ANNETTE SUCCOP
FRANCES JOHNSON	ELEANOR ELIZABETH TIEL
MILDRED LOUISE JOHNSTON	MARGARET ELINOR WEIBEL
PATRICIA MOSS KENT	HELEN GLADYS WELLER
MARY KINTER	JULIA ANDERSON WELLS
NATALIE FREEMAN LAMBING	CHARLOTTE OLIVE WOLF
ANNE PITCAIRN LINDSAY	**SUSAN ELIZABETH WOOLDRIDGE
MARGARET PATRICIA LONGWELL	SARA JANE ZACHARIAS

*General Honors.

**General and Special Honors.

Students in 1941-1942

Senior Class—1942

ADAMS, ANNA L.	MACKEY, MARY ANN
ANDERSON, MARGARET	MAERKER, BARBARA JANE
ANDREWS, DOROTHY MARY	MATHENY, MARGARET LOUISE
ARMSTRONG, MARDEN MANCHESTER	McCLUNG, JANE SCOTT
BAKER, BETTY JANE	McKAIN, ALICE WOOD
BALMER, MARY ELIZABETH	McKNIGHT, HARRIET NIMICK
BOSTWICK, CAROL GILLETTE	MILLER, MARY JEAN
BURCHINAL, JEAN STURGIS	MOORE, HELEN RUTH
BURGE, FRANCES	MORSE, KATHRYN ELIZABETH
CHANTLER, JANE LOUISE	MURRAY, JANET RUMSEY
COLBAUGH, BETSY DEARTH	MYERS, JOAN
COOPER, GLADYS OLIVIA	NORRIS, MARJORIE ANNE
COPELAND, ELLEN BLACKBURN	NOTZ, RUTH VERLINDA
CROFT, ALISON	PATTERSON, JEAN McDONALD
CROUCH, VIRGINIA HELEN	PATTON, RUTH REDMAN
CULLEY, MARY KATHARINE	PURKISS, DOROTHY RUTH
DAVID, MARY PATRICIA	PROVOST, ALICE BARRETT
DAVIES, DOROTHY JANE	ROWSE, ELIZABETH MAUDE
DEMMLER, RUTH M.	SAYLOR, ANNA ELIZABETH
DOBSON, BEATRICE ELIZABETH	SHELLKOPF, HELEN
DRIVER, ANNE KILGOUR	SHIPLEY, ELIZABETH ANN
EVANS, DOROTHY LOUISE	SHOOK, JESSIE FRANCES
FARIS, JEAN ELIZABETH	SINGER, MARY MITCHELL
GAHAGEN, BETTY JANE	STEWART, CLAIRE ELIZABETH
GLICK, ELEANOR JANE	STEWART, MILDRED MARGARET
GRAHAM, MARGARET CLIFTON	STRATHEARN, MARY KATHRYN
HARTER, MARY JANE	SUCCOP, FLORENCE MARIE
HAZELTINE, ELIZABETH LORD	THOMAS, SALLY ANNE
HERROD, ETHEL LOUISE	VALE, DOROTHY EDITH
HIBBS, MARGARET E.	WALLIS, JOYCE JOHNSTON
HIGGINS, MARJORIE IRENE	WESSEL, EILEEN RUTH
HORTON, GRACE MARY	WHELDON, JULIA FRANCES
HYLAND, MARY JANET	WILMOT, ELIZABETH JANE
KEISTER, PHYLLIS ALBERTA	WOY, MINA MARIE
	YEARICK, MARJORIE WOOD

Junior Class—1943

ANDERSON, MARGARET ELIZABETH	CAMPBELL, MARY ELIZABETH
ARCHER, JEAN	COLE, EDITH
BAKER, ANN CAMERON	COOPER, BARBARA ANDREWS
BALLARD, MARGARET ELLEN	CRUCIGER, MARION PATRICIA
BLUE, PATRICIA FLORENCE	DeWOODY, JEAN ELIZABETH
BRISTOR, RUTH MELVILLE	DIETZ, PEGGY
BROWN, BETTY MAE	DITGES, MARGARET VIRGINIA

DODDS, DORIS	MALEY, NINA ARMINTA
DOERR, NANCY	MARONEY, ELIZABETH ANN
ESLER, ELIZABETH W.	MARSHALL, DOROTHY JANE
EVANS, JANE GEORGETTE	MCCALL, JANE E.
FILIPPELLI, ROSEMARIE	MCCOMB, MARY JANE
FISHER, MARY JANE	MCCORMICK, JANET
FITZPATRICK, MARY JANE	McKAY, AMY ELEANOR
FREY, FLORENCE HALLER	MEYER, CONSTANCE
GARRETT, ELEANOR VAN TINE	MINNECI, DOROTHY ANNE
GILLESPIE, VIRGINIA D.	MYERS, JEANNETTE CHRISTINE
GOLDBLUM, JANICE LEE	NOONAN, MARJORIE ANN
HALDEMAN, EDNA LOUISE	RIDER, ZILLAH LOUISE
HEINZ, BARBARA	ROSS, JANET ELIZABETH
HENDRYX, VIRGINIA CODY	ROWELL, MARION VIRGINIA
HENRY, MARY LOUISE	SCHWEPPE, MARY BERNADINE
HORWITZ, CLAIRE MARKS	SIEMON, HILA MAE
HUMPHREYS, JANE E.	SUPPES, MARGARET ROSE
HUNKER, JUNE MARIETTA	SWEET, PRISCILLA JEAN
HYDE, VANCE	TAYLOR, HELEN JANE
JANOUGH, MILES	TEICHMANN, MARIAN AUGUSTA
JOHNSON, MARGARET ETHELYN	TROSS, PHYLLIS HELEN
KEFFER, ELINOR AILEEN	TRUXAL, MARTHA JANE
KIEFFER, MARION ELEANOR	WALLACE, LOUISE H.
LAMBIE, MARIAN LOUISE	WATSON, CATHERINE ANN
LAUER, VIRGINIA COLEEN	WAYNE, ROSELLA CHARMINE
LOWE, ALTHEA RUTH	WOLF, E. LORRAINE
	WYRE, JEAN ROBINSON

Sophomore Class—1944

ALEXANDER, VIRGINIA LOUISE	FRICK, SALLY WINCHESTER
BACON, JEAN MACINTOSH	FULTON, EVELYN WEHLING
BAILEY, NORMA LOUISE	GEYER, PORTIA WILSON
BENDER, JOAN MARY	GLICK, EVELYN DOROTHY
BIRRELL, SARA JOSEPHINE	GRAY, JEAN ELIZABETH
BISTLINE, GLADYS EDNA	GRAY, VIRGINIA ELIZABETH
BLATTNER, ELEANOR JANE	GRIFFITH, MARGARET CAROLYN
BOLTON, MARY VIRGINIA	GROVE, MARY ELIZABETH
BOWDLE, MARTHA JOAN	HARLAN, MARTHA CECELIA
BROWN, MARY ELIZABETH	HARRIS, AMANDA J.
BROWNE, MARGARET	HARTER, MARJORIE LOUISE
CALDWELL, BARBARA JANE	HERSPERGER, HELEN ELIZABETH
COHEN, MARION	HORN, KATHERINE ANNE
CONNER, AGNES MAE	HUNT, MARY ELIZABETH
COWAN, ANN JOYCE	IRELAND, NELLIE VIRGINIA
CRAIG, PEGGY	JARDINI, FLORENCE MARCIANNA
DeBELLIS, AIDA AMNERIS	JENKINS, RUTH ALVERA
DEVLIN, ANNA MAE	JOHNESCU, BETTY MARTHA
DONALDSON, MARGARET LUCILLE	JONES, KELLY
ECKLEY, JACQUELINE JONES	JONES, MARY PHYLLIS
FIRMIN, RUTH EMILY	KERR, MARGARET BERNICE

KINDLE, DONNA MAE
 KIRSOPP, DALE
 KNAUSS, JOANNE GEHRING
 LAIRD, RUTH MARIE
 LEIBOLD, DORCAS ELLEN
 LEONARD, PATRICIA ANNE
 LEWIS, NORMA HELENE
 LYNCH, RUTH
 MACKIE, HELEN CATHERINE
 MATTHEWS, JESSIE BARBARA
 MAXWELL, NANCY JANE
 MAYS, SHIRLEY ANN
 MCCLYMONDS, ANN LOUISE
 MCCULLOUGH, MARTHA ELLEN
 MCKEAG, GLORIA JEANNE
 MCLEAN, SUZANNE FISH
 MEANOR, SALLY BROWN
 MOLVIE, ELIZABETH GERTRUDE
 MONKS, MARION BROWN
 MONROE, FRANCES ELIZABETH
 OESTERLING, MARY LOUISE
 PAINTER, LEONA RUTH
 RAUP, NANCY JANE
 REIBER, MARY LOU

RIGAUMONT, JEAN ALICE
 ROSENBLUM, MIRIAM BONNA
 RUCH, KATHLEEN JANE
 SAMPSON, MARY RUTH
 SCHUH, EDNA VIRGINIA
 SCHULTZ, CHARLOTTE HOWELL
 SCHWALB, MARY LOUISE
 SHEASBY, LILLIAN MAY
 SMITH, HELEN HEATH
 SPIERLING, ELIZABETH CAROLYN
 SPRINGER, MARION HELEN
 STAUFFER, NANCY MILLER
 STREM, JERRY M.
 SUPOWITZ, ADELYNE GLORIA
 SWAN, JUSTINE CAPPELL
 SWANSON, JANET LOUISE
 ULLOM, MARY LEE
 WARNER, ELIZABETH EATON
 WATSON, WINIFRED EVELYN
 WEIL, BARBARA M.
 WESTON, RUTH BUTLER
 WILCOX, MATILDA JANE
 WRIGHT, PATRICIA JEAN
 YEISER, ELIZABETH LOUISE

Freshman Class—1945

ALLSHOUSE, LOIS
 BARRETT, DOROTHY JOANNE
 BASENKO, PAULINE
 BECK, NETTIE JANE
 BENDER, MARIE OLIVIA
 BENNER, GRACE D.
 BOVERS, HELEN
 BRENNER, HELEN LOUISE
 BREWSTER, JANET MADELINE
 BURTNETT, MARY JANE
 CALHOUN, ROSALIE
 CHANTLER, PEGGY
 CHURCH, MARY ANNE
 CLEWER, HELEN LOUISE
 COLLINS, JUNE GRANT
 COSEL, CAROLYN JOAN
 COX, MARTHA KNIGHT
 CRAIG, MARY ALICE
 DALZELL, JEAN REID
 DAVIDSON, NANCY JANE
 DAVIS, MIRIAM
 DAWES, CYNTHIA
 DEMMLER, ALICE
 DOBSON, JEAN ELIZABETH

DOWNING, ANNA VIOLA
 ELLIOTT, MARJORIE FRANCES
 EMMINGER, ELMA CLAIRE
 FIRTH, DOROTHY JEAN
 FLOOD, JEAN LOUISE
 FRANK, BARBARA ANN
 GALLAGHER, MARY ETHEL
 GASS, FERN
 GEISELHART, ANITA FLORA
 GILBERT, JANE
 GREGSON, CHARLOTTE
 GRIFFITHS, EMMA
 HALLER, BARBARA LOUISE
 HANNA, ALICE
 HARPER, VIRGINIA
 HELD, FLORENCE JEAN
 HERDT, NANCY JANE
 HESTON, AUDREY ANNE
 HULL, PATRICIA ANNE
 INGRAHAM, PHYLLIS MARIE
 JENKINS, RUTH
 KELLY, MARY
 KENNEDY, JANET KATHERINE
 KOHLER, MARJORIE BERTHA

LAPSLEY, MARY ALMA
 LEACH, MARION NANCY
 LUTZ, LOIS JEAN
 MAYHALL, MARJORIE ANN
 McCRORY, EMILY ELIZABETH
 McFALL, MARTHA FRANCES
 McFARLAND, MARY JANE
 MEDER, GENEVIEVE KATHRYN
 MEUB, JANE EMELYN
 MILLOTT, EDITH
 MINNEMEYER, MARIE KING
 MITZ, CATHERINE
 MONTAGUE, EMILY
 MURRAY, JANE SHEPPARD
 NELSON, BETTY JEAN
 NOLL, EMILY JANE
 PAINTNER, DOROTHY
 PAYNE, THELMA LOUISE
 PERRY, MEARL
 PFEIFFER, HETTIE
 RAYNOR, GEORGIA EMILY
 RICHARDSON, JO ANN
 RICKS, VIRGINIA
 RINGBLOOM, MARGUERITE EILEEN

ROBINSON, HELEN LOUISE
 SELLECK, MARJORIE JANE
 SHULL, MARY ELIZABETH
 SMITH, PATRICIA
 SPEERS, PATSY
 STADER, NANCY
 STEUBER, MARION
 STEWART, JEANNE
 STRAIN, JANE
 ST. CLAIR, ELEANOR JANE
 SUCCOP, EDITH
 SWANNIE, MARION
 THOMAS, ANNA GOLDIE
 THOMAS, JEAN ANNE
 UPDEGRAFF, MARIAN
 URBAN, BETTY GRAY
 VILA, MONICA
 VOLKAY, VIRGINIA
 WILSON, PAULINE
 WISE, WINIFRED IRENE
 WOOD, JANE LAWRENCE
 WRAY, MARTHA CHARLOTTE
 YOUNG, HELEN
 YOUNGLING, MARY JANE

Unclassified Students

Candidates for classification as regular students who are carrying twelve hours or more in college classes, but who are deficient in more than six hours for regular classification:

BROWN, MARJORIE BELLE
 CUMMINS, ANN LUCILLE
 DORNBERGER, HELEN MARION
 HEIMERT, GLADYS MARIE
 HUTCHINSON, MARTHA
 JOHNSON, JOAN LOUISE
 KINNEY, MARY ELIZABETH

MALANOS, MARGARET CATHERINE
 McCORMICK, MARY JANE
 POLLOCK, FRANCES LILLIAN
 ROBERTS, MARY DURVILLA
 SOMERS, BARBARA LOUISE
 STEELE, BARBARA ANN
 STUART, ROBERTA MUNRO

Special Students

Students who have been admitted for special work other than music:

ANATHAN, MRS. S. J.
 CLUTTER, MRS. F. H.
 JARDINI, CLARA MARIA

RIDALL, ANICE
 WENTZEL, PEGGY LEE
 ZACHARIAS, SARA JANE
 ZEIGLER, MRS. JANE

Seniors	69
Juniors	67
Sophomores	90
Freshmen	96
Unclassified	14
Special	6
Music (not taking academic work)	10
Total in all departments.....	352

Students of Applied Music

BOWDLE, JOAN
 BUCHER, MRS. GEORGE
 CAMPBELL, MARY ELIZABETH
 COHEN, MARION
 COLLINS, JUNE
 CONNER, AGNES
 COOPER, GLADYS
 COX, MARTHA
 DITGES, VIRGINIA
 ECKLEY, JACQUELINE
 EISENBERG, MARY K.
 FIRTH, DOROTHY
 FISHER, MARY JANE
 FLOYD,
 FULTON, EVLYN
 GILLESPIE, VIRGINIA
 HALDEMAN, LOUISE
 HANAUER, JANE
 HERSPERGER, HELEN
 HUNKER, JUNE
 IRELAND, NELLIE
 JOHNSON, MARGARET
 KIEFFER, MARION

KIESTER, PHYLLIS
 KIRSOPP, DALE
 MCKAY, AMY
 MEYER, ALLISON
 NORRIS, MARJORIE
 REIBER, MARY LOU
 RIDALL, ANICE
 ROWSE, ELIZABETH
 SAMPSON, MARY RUTH
 SCHOLL, GOLDIE LEONA
 SCHUH, EDNA
 SNYDER, MARJORIE
 SPIERLING, ELIZABETH
 STEINECKE, DOLORES
 STEVENSON, MARY
 STRAIN, JANE
 SUCCOP, FLORENCE
 WATKINS, MRS. THOMAS
 VOLKAY, VIRGINIA
 WENTZEL, PEGGY
 WESSEL, EILEEN
 WISE, WINIFRED
 YOUNG, HELEN

Alumnae

The Alumnae Association

The Alumnae Association of Pennsylvania College for Women was organized in 1876. In January 1926, an office was established at the College and a part-time secretary employed. Two regular meetings of the association are held every year in October or November and the Saturday preceding Commencement.

Each year the Association gives several scholarships to the College, and maintains a small loan fund to assist worthy students. In 1935 the Association adopted the Alumnae Fund system in place of the older method of collecting fixed dues. As a result of this plan, the Alumnae have been able to make a substantial gift to the College each year since its adoption.

The Alumnae Recorder, containing news of the College and its graduates, and *The Alumnae Register* are issued by the Association at appointed intervals.

OFFICERS

LOUISE GRAHAM BROWN.....	President
MARY SHANE MUIR.....	First Vice President
SARA OCHILTREE SMITH.....	Second Vice President
RACHEL STEVENSON BAIR.....	Treasurer
MARTHA BRIGHT	Recording Secretary
HELEN HORIX FAIRBANKS	Corresponding Secretary
MARGARET F. PERRY.....	Alumnae Secretary
ELIZABETH BURT MELLOR.....	Alumnae Trustee

Alumnae Clubs

In districts where a large number of graduates are living, P.C.W. clubs have been organized. The existing clubs and their presidents are listed below:

CLEVELAND—Mrs. Carey Mann [Gertrude Ray ('33)], 1601 Parkwood Road, Lakewood.

DETROIT—Miss Imogene Armstrong ('20), 2933 W. Chicago Blvd., Detroit.

GREENSBURG—Mrs. Todd Truxal [Helen Steele ('16)], 119 Arch Street.

NEW YORK—Mrs. I. B. Caris [Olive Weihe (Spec. '10-'11)], 73 Ely Place, E. Orange, N. J.

PHILADELPHIA—Mrs. Edwin Matlack [Sara Reamer ('30)], 136 Hilldale Road, Lansdowne.

UNIONTOWN—Mrs. William Springer [Sarah Chisholm ('25)], 333 Elizabeth Street.

WASHINGTON, PA.—Mrs. Malcolm Hazlett [Velma Duvall ('30)], Scenery Hill.

Alumnae Representatives

To disseminate information about Pennsylvania College for Women in communities distant from Pittsburgh, to confer with prospective students and their parents, and to assist the College in selecting the most desirable applicants from their own localities, Alumnae Representatives have been appointed by the college in the following states and districts:

CALIFORNIA—Mrs. John Alden Randall [Marjorie Chubb ('38)], 213½ S. Olive Avenue, Alhambra.

CONNECTICUT—Mrs. Francis Wilcox Potter [Mary Louise Towar ('30)], 16 Pilgrim Road, West Hartford.

DISTRICT OF COLUMBIA—Mrs. William C. Bond [Clara Boyd ('29)], 6809 Exfair Road, Bethesda, Maryland.

FLORIDA—Miss Jane B. Evans ('31), 2908 Royal Palm Avenue, Miami Beach.

GEORGIA—Mrs. Joseph C. Harvard [Mary MacLaughlin ('22)], 1237 Gordon Street, S. W., Atlanta.

ILLINOIS—Mrs. Thaddeus E. Hackett, Jr. [Virginia Glandon ('27)], 523 Belden Avenue, Chicago.

KENTUCKY—Miss Augusta Rogers ('19), Catlettsburg.

MARYLAND—Mrs. Joseph E. Lee, Jr. [Elizabeth Davidson ('28)], 704 Hatherleigh Road, Stoneleigh, Baltimore.

MASSACHUSETTS—Mrs. Risher Dunlevy [Frances Ray ('27)], 120 Stedman Street, Brookline.

MICHIGAN—Mrs. John T. Gallatin [Sophie Gribble ('23)], 88 Sunningdale Drive, Grosse Pointe Shores.

Miss Imogene Armstrong ('20), 2933 W. Chicago Boulevard, Detroit.

NEW JERSEY—Mrs. Henry A. McCracken [Eleanor Fulton ('26)], 328 Park Avenue, Newark, New Jersey.

NEW YORK—Mrs. William G. Rohlfis [Emelyn Taylor ('27)], 91 Kirkwood Avenue, Merrick, L. I.

Miss Margaret D. Jefferson ('31), 126 East 19th Street, New York.

OHIO—Mrs. J. Byers Hays [Charlotte Hunker ('18)], 2341 Delaware Road, Cleveland Heights.

OKLAHOMA—Mrs. William A. Kraus [Harriet Hill ('22)], 1220 Johnstone Avenue, Bartlesville.

OREGON—Mrs. Kelmar K. LeMaster [Lila Osborne ('27)], 3831 N.E. 69th Avenue, Portland.

PENNSYLVANIA—Mrs. Charles Noyes [Martha Crandall ('17)], R.D. No. 1, Butler.

Miss Mary Jane Dom ('29), 150 Westmoreland Avenue Greensburg.

Miss Doris Thomas ('31), 125 Warren Street, West Pittston.

Mrs. Pierce Gilbert [Virginia Wilcox ('20)], 407 Park Avenue, Swarthmore.

Mrs. E. J. Thompson [Harriet Barker ('23)], 911 Presqueisle Street, Philipsburg.

Miss Martha Branch ('37), 308 Fourth Avenue, Warren.

TENNESSEE—Mrs. Clifford Barbour [Laura Taber ('19)], 623 Scenic Drive, Knoxville.

WEST VIRGINIA—Mrs. Millard Sisler [Florence Keys, ('12)], 301 Wagner Road, Morgantown.

The Alumnae Council

The Alumnae Council is composed of alumnae members of the College Board of Trustees, members of the Executive Board, chairmen of all committees, the appointed Alumnae Representatives, members from each alumnae class and alumnae club as well as a limited number of associate alumnae.

A conference is held at the College the week-end before the P.C.W. spring vacation.

The purposes of the council are to keep alive the loyalty of alumnae and enlist their active interest in and support of their alma mater, to keep in close touch with the administration of the College and communicate to the alumnae the progress and needs of the College, and to formulate recommendations to be presented at the June meeting of the Alumnae Association for the adoption of policies which will promote the best interests and welfare of the Alumnae Association and the Pennsylvania College for Women.

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**PENNSYLVANIA COLLEGE
FOR WOMEN
BULLETIN**

**ANNOUNCEMENTS FOR
1943-1944**

**REGISTER OF FACULTY AND STUDENTS FOR
1942-1943**

**PITTSBURGH, PENNSYLVANIA
MARCH 1943**

Calendar

1942

1943

1944

JULY						
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Correspondence

IN the list below are the names and addresses of persons to whom inquiries of various types should be sent. The post office address is Pittsburgh, Pennsylvania.

Correspondence regarding the general interests of the College and financial arrangements of students should be addressed to **THE PRESIDENT OF THE COLLEGE**.

Requests for catalogues, inquiries regarding admission to the College and the reservation of rooms in the halls of residence as well as inquiries regarding the academic work of students, their withdrawal from College, leaves of absence, scholarships and loan funds should be addressed to **THE DEAN OF THE COLLEGE**.

Correspondence relating to the business matters of the College and payment of College bills should be addressed to **THE ASSISTANT TREASURER**. Checks should be made payable to the **PENNSYLVANIA COLLEGE FOR WOMEN**.

Correspondence relating to the publicity of the College should be addressed to **THE DIRECTOR OF PUBLICITY**.

Requests for transcripts of records should be addressed to **THE RECORDER**.

Correspondence relating to the alumnae of the College should be addressed to **THE SECRETARY OF THE ALUMNAE ASSOCIATION**.

Those wishing to get in touch with an **ALUMNAE REPRESENTATIVE** living near their home should consult pages 93-95 for the address.

College Calendar

Academic Year—1942-43

REGISTRATION FOR FRESHMEN.....	9:00 A.M.-11:00 A.M., Monday, September 21
FRESHMAN ORIENTATION PROGRAM.....	September 21-23
REGISTRATION FOR ALL OTHER STUDENTS	
	9:00 A.M.-4:00 P.M., Tuesday, September 22
OPENING OF 72ND ACADEMIC YEAR.....	Wednesday, September 23
THANKSGIVING RECESS	from 12:30 P.M., Wednesday, November 25 to 8:30 A.M., Monday, November 30
CHRISTMAS RECESS.....	from 12:30 P.M., Friday, December 18 to 8:30 A.M., Tuesday, January 5
MID-YEAR EXAMINATIONS	January 18-25
SECOND SEMESTER BEGINS.....	Wednesday, January 27
SPRING RECESS.....	from Friday, March 26 through Monday, March 29
FINAL EXAMINATIONS	May 14-21
COMMENCEMENT	Monday, May 24

Academic Year—1943-44

REGISTRATION FOR FRESHMEN.....	9:00 A.M.-11:00 A.M., Monday, September 27
FRESHMAN ORIENTATION PROGRAM.....	September 27-29
REGISTRATION FOR ALL OTHER STUDENTS	
	9:00 A.M.-4:00 P.M., Tuesday, September 28
OPENING OF 73RD ACADEMIC YEAR.....	Wednesday, September 29
THANKSGIVING HOLIDAY	Thursday, November 25
CHRISTMAS RECESS	from 12:30 P.M., Thursday, December 16 to 8:30 A.M., Wednesday, December 29
MID-YEAR EXAMINATIONS.....	January 24-31
SECOND SEMESTER BEGINS.....	Wednesday, February 2
SPRING RECESS—EASTER WEEK-END.....	from Friday, April 7 through Monday, April 10
FINAL EXAMINATIONS.....	May 19-26
COMMENCEMENT	Monday, May 29

NOTE: Classes are omitted Junior Prom Saturday.

Board of Trustees

Officers

ARTHUR E. BRAUN.....	President
RALPH W. HARBISON.....	First Vice-President
JAMES E. MACCLOSKEY, JR.....	Second Vice-President
MRS. CHARLES H. SPENCER.....	Secretary
PEOPLES-PITTSBURGH TRUST CO. OF PITTSBURGH.....	Treasurer

Members

Term Expires 1943

WILLIAM P. BARKER	MRS. GEORGE WILMER MARTIN
ARTHUR E. BRAUN	GWILYM A. PRICE
MRS. ELIZABETH BURT MELLOR	ALEXANDER C. ROBINSON

Term Expires 1944

FREDERICK G. BLACKBURN	JAMES E. MACCLOSKEY, JR.
MRS. R. D. CAMPBELL	JOHN H. RICKETSON, III
RALPH W. HARBISON	MRS. CHARLES H. SPENCER

Term Expires 1945

CHARLES F. LEWIS	MRS. ALEXANDER MURDOCH
MRS. JOHN R. McCUNE	HERBERT L. SPENCER

Administration

Officers of Administration

HERBERT L. SPENCER, PH.D.....	President
MARY HELEN MARKS, L.H.D.....	Dean
HANNA GUNDERMAN, M.Ed.....	Accountant and Ass't Treasurer
*JOSEPHINE CAMPBELL, A.B.....	Field Representative
VERA L. MOWRY, A.M.....	Secretary of the 1940 Building and Endowment Fund
HAZEL COLE SHUPP, PH.D.....	Director of Publicity
INA V. HUBBS, B.S.....	Assistant Librarian
DOROTHY H. WATKINS, A.M.....	Secretary to the Dean
ALICE E. HANSEN, M.Ed.....	Librarian
JOAN C. MYERS, A.B.....	Recorder
EDITH M. BEARD, PH.B.....	Secretary to the President
RACHEL KIRK, A.B.....	Acting Field Representative

*On military leave

Faculty

HERBERT L. SPENCER	President
B.S., Carnegie Institute of Technology; A.M., Ph.D., University of Pittsburgh	
MARY HELEN MARKS.....	Dean
A.B., Smith College; A.M., L.H.D., Pennsylvania College for Women	
CARL W. DOXSEE.....	Professor of English and Head of the Department of English
A.B., A.M., Wesleyan University; Ph.D., Princeton University	
JAMES S. KINDER.....	Professor of Education and Head of the Departments of Education and Psychology
B.S., Southeast Missouri Teachers College; A.M., Ph.D., Columbia University	

- ANNA L. EVANS.....Professor of History and
Political Science and Head of the Department of History
A.B., Oberlin College; A.M., Smith College
Ph.D., Columbia University
- EARL K. WALLACE.....Professor of Chemistry and
Head of the Department of Chemistry and Physics
B.S., Pennsylvania State College; A.M., Ph.D., Columbia University
- HELEN CALKINSProfessor of Mathematics and
Head of the Department of Mathematics
A.B., Knox College; A.M., Columbia University;
Ph.D., Cornell University
- EDWARD W. MONTGOMERY.....Professor of Sociology and
Head of the Department of Sociology and Economics
A.B., Parsons College; A.M., Ph.D., University of Chicago
- *NITA L. BUTLER.....Professor of Greek and Latin and
Acting Head of the Department of Classical Languages
A.B., A.M., Ph.D., University of Michigan
- MARGARET ROBB.....Associate Professor of Speech and
Head of the Department of Speech
A.B., Geneva College; A.M., University of Iowa;
Ph.D., Columbia University
- †PHYLLIS COOK MARTIN.....Associate Professor of Biology
and Acting Head of the Department of Biology
B.S., M.S., University of Pittsburgh; Ph.D., University of Illinois
- MARY I. SHAMBURGER.....Assistant Professor of English
A.B., Guilford College; A.M., Columbia University
- LABERTA DYSARTAssistant Professor of History
A.B., University of Nebraska; A.M., Columbia University
- EFFIE L. WALKER.....Assistant Professor of History
A.B., George Washington University; A.M., Columbia University
- HELENE WELKER.....Assistant Professor of Music and
Chairman of the Department of Music
A.B., Hunter College; graduate, Juilliard School of Music,
New York City; graduate study with Ernest Hutcheson, Harold Bauer,
and Lazare Lévy in Paris

*On leave of absence, 1942-43

†On leave of absence, first semester 1942-43

- MARION THURSTON GRIGGS.....Assistant Professor of French
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- LILLIE B. HELD.....Assistant Professor of Music
A.B., Carnegie Institute of Technology; A.M., Columbia University
- ELIZABETH PIEL.....Assistant Professor of German
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- DOROTHY M. ANDREWAssistant Professor of Psychology
A.B., A.M., Ph.D., University of Minnesota
- DOROTHY A. SHIELDS.....Assistant Professor of Economics
and Sociology
A.B., Goucher College; A.M., Ph.D., University of Pittsburgh
- HAZEL COLE SHUPP.....Assistant Professor of English
A.B., Colby College; Ph.D., Yale University
- MARGUERITE MAINSSONNAT OWENSAssistant Professor
of French
B.S., Cours Louis Marin, Paris; Certificat Pédagogique, Paris;
Ecole des Hautes Etudes, Sorbonne; A.M., Hamline University
- HELEN G. ERRETT.....Assistant Professor of Physical Education
A.B., Pennsylvania College for Women; A.M., Columbia University
- HANNA GUNDERMAN.....Assistant Professor of Secretarial Studies
A.B., Muskingum College; M.Ed., University of Pittsburgh
- ALLEN W. SCHOLLAssistant Professor of Chemistry
B.S., Ashland College; M.S., Ph.D., Pennsylvania State College
- N. R. HIGH MOOR.....Lecturer in Religious Education
B.L., M.A., Kenyon College; D.D., Bexley Theological Seminary
- HAROLD L. HOLBROOK.....Lecturer in Education and
Director of the Adjustment Institute
B.S., University of Pittsburgh; Ph.D., Yale University
- *MARGARET T. DOUTT.....Lecturer in Biology
B.S., M.S., University of Pittsburgh; Ph.D., Michigan State College
- ‡OLIVE O. HARRISInstructor in Education
B.S., Columbia University; M.Ed., University of Pittsburgh
- ‡RALPH LEWANDO.....Instructor in Violin
Studied at Royal Imperial Conservatory of Vienna under Sévcik;
Attended Vienna University, studied with Leopold Auer

*On leave of absence, first semester 1942-43

‡Part time only

- RUTH ELEANOR STAPLESInstructor in Spanish
A.B., A.M., University of Pittsburgh
- ‡EARL B. COLLINSInstructor in Organ
Mus.B., Syracuse University
- GERTRUDE N. AYARS.....Instructor in Voice
Mus.B., Kansas City Conservatory of Music; studied under Hageman
and under Gabrielle Chriseman in Nice; coached with Jean deReszke
- ‡VIVIAN M. RANDInstructor in English
B.S., University of Alabama; A.M., University of North Carolina
- ‡SAMUEL ROSENBERG.....Instructor in Applied Art
National Academy of Design, New York; A.B., Carnegie Institute of
Technology; First Honor, Associated Artists of Pittsburgh
- ELEANOR J. GRAHAM.....Instructor in Physical Education
A.B., Oberlin College; M.Ed., University of Pittsburgh
- IRMA AYERS.....Instructor in Home Economics
B.S., West Virginia University
- MARION E. LASKEYInstructor in Biology
A.B., University of Pennsylvania
- ‡BERNICE AUSTIN.....Instructor in Music
Mus.B., Northwestern University, pupil of Emil Liebling
- †CARROLL C. ARNOLDInstructor in Speech
A.B., Sioux Falls College; A.M., Ph.D., State University of Iowa
- MARY K. BRECHT.....Instructor in Secretarial Studies
B.S., University of Pittsburgh
- *CECILIA BUSCH.....Instructor in Biology
A.B., University of Pittsburgh, A.M., Duquesne University
- ‡GEORGE B. KIMBERLYInstructor in Stagecraft
Assistant Professor, Technical Director, Department of Drama,
Carnegie Institute of Technology
- ‡LILLIAN McFETRIDGE.....Instructor in Accounting
A.B., Pennsylvania College for Women
- §DOROTHY BARNES.....Instructor in Speech
A.B., University of Michigan
- ‡JEAN WALLACE BISHOPLaboratory Assistant
A.B., Cornell University

‡Part time only

†On military leave, second semester 1942-43

*Substitute for Mrs. Martin, first semester 1942-43

§Substitute for Dr. Arnold, second semester 1942-43

PESCHA KAGANVisiting Artist
Pianist, radio artist; has appeared as soloist with major symphony orchestras

School of Nursing—Allegheny General Hospital

MILDRED I. LORENTZ, B.S., A.M., R.N.....Director of Nurses
and Principal of School of Nursing
University of Cincinnati

ESTHER M. THOMPSON, B.S., A.M., R.N.....Educational Director
University of Minnesota, Columbia University

School of Nursing—Presbyterian Hospital

IRENE MILLER McCAUSLAND, B.S., R.N.Director of Nurses
University of Pittsburgh

MARY RUSSELL, A.B., R.N.....Director of Nursing Arts
Pennsylvania College for Women

Other Officers

ETHEL C. BAIR, A.B.House Director, Woodland Hall

CHESTER C. O'NEIL.....Superintendent of Buildings and Grounds

ANNA E. WEIGANDManager of Book Store

IRENE D. FERGUSON, M.D.....College Physician

MARION M. BENN.....House Director, Berry Hall

*MRS. SAMUEL A. GILMORE..House Director, Andrew Mellon Hall

CORA INGHAM BALDWIN, A.B.....Alumnae Secretary

JULIA BECK.....Librarian, P. C. W. Film Service

LILLIAN McFETRIDGE, A.B.....Assistant Accountant

DOROTHY MULHOLLAND, R.N.Resident Nurse

‡MRS. WILSON FERGUSON....House Director, Andrew Mellon Hall

With the exception of the President, the Dean, and the Assistant
Treasurer, the names in each group are arranged in order of
appointment

*Resigned November, 1942

‡Assumed duties January, 1943

Standing Committees

Faculty

- ADMISSIONS—Dean Marks, Mr. Kinder, Miss Kirk, Miss Myers, Mrs. Watkins
- ADVISORY—The President, the Dean, the Secretary of the Faculty, Miss Andrew (first semester), Miss Dysart, Mrs. Hansen, Mrs. Martin (second semester), Miss Walker
- CHAPEL—President Spencer, Dean Marks, Mrs. Ayars, Miss Calkins, Mr. Collins, Miss Laskey, Miss Robb, Mrs. Shupp, Mrs. Watkins
- CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Evans, Miss Griggs, Mrs. Rand, Miss Robb, Miss Shields, Mr. Wallace, Miss Welker, Dean Marks and President Spencer, *ex officio*
- HONORS BOARD—Dean Marks, Miss Griggs, Miss Shamburger, Miss Shields, Mr. Wallace
- LIBERAL ARTS—Dean Marks, Miss Ayers, Mr. Montgomery, Mrs. Owens, Mr. Scholl, Miss Welker
- LIBRARY—Mrs. Hansen, Miss Busch (first semester), Mr. Doxsee, Mrs. Martin (second semester), Mrs. Owens, Miss Shields
- PUBLIC EVENTS—Dean Marks, Mrs. Ayars, Miss Errett, Miss Graham, Miss Gunderman, Miss Held, Miss Robb, Mrs. Spencer, Mrs. Watkins
- PUBLICATIONS—Mrs. Shupp, Mrs. Brecht, Miss Kirk, Dean Marks, Miss McFetridge
- SCHOLARSHIP—Dean Marks, Miss Andrew, Mr. Arnold, Miss Dysart, Miss Evans, Miss Piel, Mrs. Rand, Miss Shamburger, Miss Myers, *ex officio*

Faculty-Student

- FACULTY-STUDENT COUNCIL—President Spencer, Dean Marks, Miss Walker, Miss Errett, Miss Staples. Student membership: President and First and Second Vice-Presidents of the Student Government Association, Presidents of Woodland Hall and Andrew Mellon Hall, class presidents, President of the Young Women's Christian Association, President of the Athletic Association, Editors of *The Arrow*.
- FACULTY-STUDENT CURRICULUM—Mr. Kinder, Miss Andrew, Miss Calkins, Miss Evans, Miss Griggs, Mrs. Rand, Miss Robb, Miss Shields, Mr. Wallace, Miss Welker, Dean Marks, and President Spencer. Student membership: A senior chairman and one member chosen from each of the four classes.
- DEFENSE COUNCIL—Mr. Montgomery, Miss Errett, Dr. Ferguson, Mrs. Martin, Mrs. Owens, Miss Walker, Mr. Wallace.

Pennsylvania College for Women

PENNSYLVANIA COLLEGE FOR WOMEN is a college of liberal arts and sciences, conferring the degrees of Bachelor of Arts and Bachelor of Science. It offers instruction in the basic fields of knowledge and seeks to prepare its students for intelligent participation in the social order. It equips students who wish to undertake graduate study or professional work with a sound foundation for their future activities, and provides others who do not wish to take graduate work or to prepare for a profession with a broad general education. The College is non-denominational and welcomes students of all faiths. Because it is a small college, Pennsylvania College for Women is able to maintain an informal and friendly relationship between students and faculty that is conducive to good scholarship and personal development. Students are expected to live in college dormitories or in their own homes, unless special permission has been given directly from the Dean for any other living arrangements.

Foundation

The College was founded in December 1869, under the leadership of Dr. W. T. Beatty, pastor of the Shadyside Presbyterian Church. Originally a Presbyterian college, P.C.W. has since become non-denominational. The College motto is "That our daughters may be as cornerstones, polished after the similitude of a palace."

Development

All College activities originally took place in the residence now known as Berry Hall, which was named in honor of its former owner. Dilworth Hall, named for the largest contributor toward the construction of the building, was erected in 1888. A preparatory school known as Dilworth Hall was connected with the College in its early years but was discontinued in 1916. A gymnasium and music hall were next added to the group of buildings on the campus. When the increased enrollment made it imperative to erect a new dormitory,

Woodland Hall was built. The Louise C. Buhl Hall of Science, which is unusually well equipped, and the James Laughlin Memorial Library were completed in 1932. A campaign for \$1,500,000 for building and endowment is now in progress. Plans are being made for a new administration building, gymnasium, and auditorium. In July, 1940, Mr. Paul Mellon gave to the college his Woodland Road estate, adjacent to the college campus, in memory of his father, the late Andrew W. Mellon. The spacious home is called Andrew Mellon Hall, and it has already become the social center for the college, the center for student activities, an upper-class dormitory, and headquarters for the classes in Home Economics. Another building on the Mellon estate is used for an Art Center.

Environment

Pennsylvania College for Women is situated on a hill crest of quiet, residential Woodland Road. The twenty-acre campus provides a natural amphitheatre for May Day fetes and ample grounds for athletic fields. The College is fifteen minutes from the Civic Center of Pittsburgh where students may enjoy concerts by the world's outstanding musicians, visit the art galleries of Carnegie Museum, and take advantage of the many resources of the Carnegie Library.

Affiliation

The College is included in the accepted list of the Association of American Universities, is on the accredited list of the Middle States Association of Colleges and Secondary Schools, and the American Association of University Women, and is recognized by the Pennsylvania State Department of Education.

Admission of Students

Admission to the Freshman Class

THE factors to be taken into consideration in the admission of students are: quality of preparation, amount of preparation, endorsement of the secondary school, personal qualifications, an interview (wherever possible), and scholastic aptitude. The Committee on Admissions places greater emphasis on the quality of work done and the general fitness of the applicant for college work than on the number of units offered in specific subjects. A unit implies the study of a subject for a time equivalent to five periods a week for one year.

Candidates may apply for admission under one of the following plans:

- I. A graduate of an accredited secondary school should present fifteen units, of which three units must be in English. Of the remaining twelve units, nine are required from the following fields: (1) Language: Latin, Greek, French, German, Italian, Spanish; (2) Mathematics: Algebra, Plane Geometry, Trigonometry; (3) Science: Biology, Botany, Chemistry, Physics, Zoology; (4) Social Studies. The other three units should be from subjects listed above. Any exceptions to this plan are subject to the approval of the Committee on Admissions. Special emphasis is placed upon the work of the upper three years in the secondary school. If modern language is presented for entrance, at least two units in one language should be submitted.
- II. Students graduating from accredited high schools in the state of Pennsylvania which are organized on the three-year senior high school basis must present a minimum program of thirteen units in the tenth, eleventh, and twelfth years, to be distributed as follows: (1) three units in English; (2) six units from the fields of Mathematics, Science, Social Studies, or Foreign Languages, with not less than two units in each field offered; (3) four units which may be presented as single units in the fields mentioned above; or two units from the above fields and two units elected from other fields. The acceptance of units from fields other than those named is subject to the approval of the Committee on Admissions.
- III. Applicants from progressive public and private secondary schools who have shown superior ability in their high school work, but

who cannot present the proper units for admission, may avail themselves of the opportunity of admission by examination. This examination will be a scholastic aptitude test. Note: This examination requirement does not apply to students coming from the group of Progressive Schools recommended by the Progressive Education Association, whose graduates we have agreed to accept on the same basis as students applying under (1), without examination.

- IV. In agreement with the program of the Pennsylvania Department of Education, the college has arranged to admit a certain number of superior students at the end of three and a half years in high school. These students must be recommended by their high school principal and teachers and must be in the upper fifth of their class. They will receive their high school certificate after they have satisfactorily completed one year of college work.

Admission Procedure

An applicant for admission to the freshman class should write to the Dean of Pennsylvania College for Women for an application blank. When this has been returned to the college, together with the \$10.00 application fee, the college will send a form to the secondary school on which the academic record of the student will be recorded. This form should be sent to the college as early as possible in the student's secondary school course. Letters of recommendation will also be secured by the college from the high school.

When the preliminary records have been received and found satisfactory, the student will be notified that if her final grades are acceptable she will be admitted to the freshman class. When the complete record has been passed upon, the student will receive final notification of her acceptance.

Additional information will be sent the accepted student during the summer before entrance concerning choice of courses, and the opening days of college.

Proficiency tests will be given all members of the freshman class during the first week of college in September. These are in no sense entrance tests, but will be helpful to the college in the placement of students in certain courses, or in certain sections of courses.

Each applicant for admission to the freshman class should read carefully the objectives of the college on page 17 and the courses offered, and should feel free to write to the Dean for any additional information, or for an explanation of any material in the catalogue.

Admission to Advanced Standing

Students who present credits from other accredited colleges whose entrance requirements and whose courses of study are equivalent to those of Pennsylvania College for Women may be admitted to advanced standing without examination.

Candidates for admission on advanced standing will be given tentative standing which will be made permanent after the satisfactory completion of one year's work in Pennsylvania College for Women.

An applicant for admission to advanced standing should observe the following procedure:

1. File an application on a form to be secured from Pennsylvania College for Women.
2. Send a statement giving the reason for leaving the present college, the reason for choosing Pennsylvania College for Women, and indicating the major subject.
3. Have the present college send an official transcript of the work taken there up to the time of making application.
4. Send a marked copy of the catalogue of the college attended, indicating the courses for which credit is desired.
5. Request the Dean of Women to send to the Dean of Pennsylvania College for Women a letter of personal recommendation.
6. At the close of the semester when entrance is desired, have the present college send,
 - (a) A final transcript of record.
 - (b) A statement of honorable dismissal.

Candidates for a degree must spend at least the senior year at Pennsylvania College for Women.

Admission of Special Students

Students of maturity are permitted to enter classes for which their previous training and experience have qualified them. Arrangements should be made by a personal interview with the Dean. Such students are subject to the same requirements as other students as to attendance, examinations, standing in class, and general regulations, if credit is desired for the work taken.

The Program of Studies

THE program of studies of Pennsylvania College for Women is designed to equip and train women to live vitally and responsibly in contemporary life. Such a program necessitates broad concepts of woman's part in the spiritual and civic life of home and community. A recent revision of the curriculum divides the program into two parts: the Lower Division, freshman and sophomore years, during which the student acquaints herself with many fields of human thought; and the Upper Division, junior and senior years, during which she concentrates in a field of particular interest.

Lower Division

The specific aims of the Lower Division are to assist the student:

1. To acquire effective habits and methods of study.
2. To acquire a wide range of information necessary to critical and objective thinking.
3. To develop artistic and aesthetic appreciation.
4. To acquire ability to make social adjustments.
5. To develop and maintain physical and mental health.
6. To stimulate intellectual curiosity and resourcefulness.
7. To prepare for intelligent and fruitful participation in the immediate and larger social order.
8. To foster spiritual and philosophical attitudes.
9. To discover and develop her own capacities and interests.

In order to meet the above stated objectives, the curriculum of the Lower Division is arranged in four groups:

GROUP I—*Arts*: Art, English language and literature, music, speech.

GROUP II—*Foreign Language and Literature*: French, German, Greek, Italian, Latin, Spanish.

GROUP III—*Sciences*: Astronomy, biology, botany, chemistry, geology and geography, home economics, mathematics, physics, psychology, zoology.

GROUP IV—*Social Studies*: Economics, education, history, philosophy, political science, religion, sociology.

Specific Requirements of the Lower Division

The specific requirements of the Lower Division are: English 1-2 (a freshman year requirement), Speech 1-2, one year of a laboratory science, and two year-courses in physical education, including hygiene in the freshman year.

Students may secure exemption from the Speech requirement by applying for permission to take the proficiency test in this subject to be given at entrance and at the beginning of each successive semester.

Foreign Language Requirement

All students must either pass a reading test in one foreign language before graduation, preferably by the end of the sophomore year, or take two years of one language in college. Entering students may make application to take the reading test if they have had superior preparation. However, they will not be given college credit for the language in which they have passed a reading test, but may enter an advanced course in the language, or substitute another subject. Lower division students earning exemption from the language requirement need not choose another subject from Group II unless they wish to do so. These tests are given twice a year—at the opening of the college year in September and in May.

Freshmen will register for five courses, one to be selected from each of the four groups and one at large.

Sophomores will register for five courses, one to be selected from each of three groups and two at large. No student may select more than two courses from any one group.

A student in the Lower Division may elect courses from the Upper Division, provided her preparation has fitted her for more advanced work, or provided she has a special interest in a particular field. A student in the Upper Division may occasionally elect courses from the Lower Division, if her adviser considers such courses essential to her chosen field of study.

Students taking applied music for credit will be given special consideration to the extent that certain group requirements may be postponed.

The schedules of students in the Lower Division will be under the supervision of the Dean. At the end of the sophomore year each student will choose her major field. The head of her major department will then be her adviser.

In order to qualify for admission to the Upper Division a student must attain the required quality point average in the Lower Division work. No certificate will be given upon completion of the Lower Division.

Upper Division

The objectives for the Upper Division, in addition to the continuation of those in the Lower Division, are:

1. To provide opportunity for the expression and development of creative ability.
2. To permit concentration in the field of the student's special interest and ability.
3. To give opportunity for vocational and professional preparation.
4. To provide a general college education for students who plan no further formal education.
5. To encourage students to continue their own education and to relate their knowledge and training to life—or to living.

Majors

Students gaining admission to the Upper Division may select a major from the following fields: biology, chemistry, inter-departmental science (natural science and pre-medical), education, English language and literature, home economics, modern language and literature, classical language and literature, history, mathematics, music (applied music and musical theory), psychology, sociology and economics, and speech.

Each department has its special requirements to which sufficient electives are added to complete the requisite number of hours for graduation. Students must select at least 12 semester hours of their major work from Upper Division Courses. Major requirements are listed at the beginning of the course offerings in each department.

Liberal Arts Major

Provision is made for a Liberal Arts Major. This major is offered for the student who does not plan to pursue graduate study. It cuts across departmental lines, making possible many combinations of courses. The Liberal Arts Majors will be under the supervision of an Advisory Committee, consisting of the Dean as Chairman, and one faculty member chosen from each of the four groups.

Each Liberal Arts Major must present a definite course pattern for approval by the faculty committee in charge of these majors, at the close of the sophomore year, and must select thirty semester hours from courses numbered over 100.

SUGGESTED PROGRAMS FOR THE LIBERAL ARTS MAJOR: A major in the following fields may be built up from a combination of subjects selected from those listed under each heading. Selection should be made with reference to the student's interests and objectives.

1. *Modern Community.* Contemporary history, economics, sociology, psychology, consumers' problems, child welfare, education for marriage, hygiene, genetics, contemporary art, religion, contemporary British and American poetry, music, art, etc.
2. *American Civilization.* American government, U. S. history, political science, sociology, labor problems, economics, the family, education for marriage, hygiene, psychology, music, art, American literature, etc.
3. *Home Making.* Family, child psychology and child development, genetics, education for marriage, hygiene, mental hygiene, chemistry, descriptive physics, bacteriology, educational psychology, consumers' problems, music, art, mathematics of finance, clothing and textiles, foods and nutrition, home management, home furnishings, etc.
4. *Comparative Literature.* English, French, German, Spanish, Italian literature.

Other combinations may be arranged to suit interests of the particular student involved.

Special Honors Work

A system of honors work provides an opportunity for individual study for the student who is outstanding in a special field.

The governing board of the system of honors work, called the *Committee on Honors Work*, consists of four members from the faculty, representing the four curriculum groups, with the Dean as chairman.

Students Eligible for Special Honors Work

Special honors work is permitted only to the student who has shown herself to be capable of individual and intensive work. She must have a weighted average of 3 at the end of the junior year and must maintain that average during her senior year. The field of honors work is defined as broadly as possible, so that the student may read in subjects related to her major subject. It is not considered research work.

In general, not more than ten per cent of any class can be eligible for special honors work. It may happen in a certain year that there will be no students in a given field who will qualify for the work; in other years there may be more than one. The only basis for selecting students is ability plus achievement.

Selection of students who shall do honors work is based on one of the following plans:

1. A student may be recommended by a majority of the members of the faculty with whom she has had class work.
2. A student may apply for honors work on her own initiative, in which case the recommendation of the majority of the members of the faculty with whom she has previously worked must be obtained by the Committee before she is eligible to be considered.

One of the standards by means of which selection is made is a scholastic aptitude test.

The Committee has the sole power to decide on the qualifications of the student on the basis of her record, the recommendations of her teachers, and the scholastic aptitude test. In the event that a student is voted by the Committee eligible for honors work, she is notified to that effect. She may or may not choose to do honors work.

Procedure for Special Honors Work

Special honors work is confined to the senior year, with six hours of credit a semester for the work. Recommendations are made to the Committee by members of the faculty on the basis of the first three years' work of the student concerned. Having decided to do honors work, the student chooses from the faculty, with the approval of the Committee, the person she wishes to direct her work. This person has charge of the program of the student, again with the approval of the Committee, and meets the student at least once a week for conference during the time she is doing honors work. Other members of the faculty than the director may be asked, by the student herself if she so desires, to give information or aid in such subjects as may seem significant to the project undertaken. A weekly seminar is conducted by members of each department which candidates for both special and general honors are required to take.

The student doing honors work is required to do nine credit hours a semester of class work during the time she is doing honors work. That is, she is allowed six credit hours a semester for her honors work.

Special Commencement Honors

Special Commencement honors are awarded to the student who has fulfilled with distinction, in the opinion of the examining committee, the following requirements: a paper showing the results of her special study, an oral examination in her special field including a defense of her paper, and a comprehensive examination covering the field, the latter to be passed with a grade of not less than B.

General Commencement Honors

General Commencement honors are awarded on the basis of high average grades for the four-year course and a comprehensive examination given in May. A candidate for general honors must have a weighted average of not less than 3.25 at the end of her junior year, must maintain that average during her senior year, and must pass the comprehensive examination in her field with a grade of not less than B.

Sophomore Honors

Honors are awarded at the end of the sophomore year to the ten members of that class having the highest average in the work of the first two years.

Academic Regulations

The Degree of Bachelor of Arts

STUDENTS are recommended for the degree of Bachelor of Arts upon the satisfactory completion of one hundred and twenty semester hours of academic work, together with eight hours in Physical Education and Hygiene. The usual schedule consists of fifteen hours for each semester exclusive of the requirement in Physical Education.

A certain quality grade is required for graduation and, for the purpose of determining this quality grade, numerical values called "points" are given to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point. In order to be recommended for the degree of Bachelor of Arts a student must have a cumulative average of C for her one hundred and twenty hours. Students who do not have a cumulative average of C at the end of the third year will be advised not to enter the senior class.

The Degree of Bachelor of Science

Students are recommended for the degree of Bachelor of Science upon the satisfactory completion of a major in Chemistry or in Biology, of the five-year nursing course, and the course in pre-Dietetics.

Conditions and Failures

A student who receives a condition in any subject at the end of the semester may remove this condition by prescribed work and re-examination at the time set for special examinations in the spring or in the fall, or by the repetition of the course when next regularly given.

A student failing in the work of any course must repeat the course when next regularly given, or must take other work which requires the same number of hours; the course thus taken must conform to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

Students who are conditioned in two courses at the end of a semester will be placed on probation for the following semester. If the stu-

dent shows marked improvement during the period of probation she becomes again a regular student at the end of that period; otherwise she loses class standing, but may continue with the work of the Lower Division by permission of the Scholarship Committee.

A student who is deficient in more than six hours of the required number of hours loses class standing at the end of the year and becomes unclassified until such time as this deficiency shall have been removed.

Any required work unavoidably omitted or not completed at the time when it is regularly scheduled must be taken the following year unless an exception is made by the Scholarship Committee.

Credit may not be given for one semester of a year course except by permission of the Dean and the instructor concerned.

Any student whose scholarship is generally unsatisfactory may be brought before the faculty for action and excluded from college.

Instructors will use all reasonable means to inform a student of her liability to fail in a course, but the student must not regard the absence of such notification as a claim to exemption from a failure.

Reports and Grades

The letters A, B, C, D, E and F are used to designate academic standing. These grades have the following significance: A superior; B, good; C, fair; D, passing; E, condition; and F, failure.

Reports will be sent to parents or guardians at the close of each semester during the freshman and sophomore years. Juniors and seniors may receive their grades from the Recorder on request.

Attendance at College Classes

Students having an average of B for the preceding college year are placed on the Dean's List, and are allowed unlimited cuts from classes. It is hoped that this will make for better scholarship and greater academic freedom for good students.

Each student, except those on the Dean's List, is expected to attend all scheduled meetings of her classes. However, to provide for certain emergencies, the following regulations with regard to absences from classes have been adopted by the Faculty:

Students will be allowed as many unexcused absences each semester in a course as there are hours of recitation a week in that course—

for example, a three-hour course may have three unexcused absences through the semester. This rule does not apply to laboratory work, which must be completed to receive credit in the course.

One unexcused absence in any course over the number allowed, unless an exception is made by the Dean, will debar the student from the final examination at the time scheduled. She may take the examination during the period set aside for re-examinations. Two unexcused absences in any course remove the student from that course, unless the case deserves special consideration.

The matter of excused absences will be handled by the Scholarship Committee and the faculty members involved in each case. This group will decide whether a student has missed so much work through illness that she must drop the course.

Unexcused absences twenty-four hours before and twenty-four hours after the following vacations shall count as two absences in each course missed: Thanksgiving vacation, Christmas vacation, between semesters, spring vacation, and the last meeting of the classes for each semester.

Examinations

Examinations are given at the end of each semester. In case of absence from a regular examination, unless the reason for absence is illness, or unless the absence has been previously excused by the Dean, a student may not take the examination until the time set for special examinations in the spring or in the fall, and she will be charged a fee of \$2 for such examination.

Election of Courses

Election of courses for the following year is made in the first week of May. Changes may be made during the first two weeks of each semester, by permission of the Dean and departmental adviser. Changes made at any other time necessitate a special petition to the same authorities and the payment of a fee of \$1.

Summer Courses

Students wishing to do work during the summer in order to gain college credit must secure in advance the consent of the Dean and the department concerned.

Courses of Instruction

THE departments of instruction are arranged in alphabetical order of their titles. Courses in the Lower Division are indicated by numbers under 100; those in the Upper Division by numbers over 100.

Courses listed with two numbers—as English 1-2, Art 5-6—are year courses, and credit is not given for one semester of such courses except with special permission of the Dean and the instructor.

The college reserves the right to withdraw any course which is not elected by at least six students. It furthermore reserves the right to make any changes in the curriculum made necessary by war conditions.

Art

*NITA L. BUTLER, Ph.D., Professor
OLIVE O. HARRIS, M.Ed. } Instructors
SAMUEL ROSENBERG, A.B. }

1. HISTORY AND APPRECIATION OF ART. Outline of the development of art in Italy, the North, and Spain through the Renaissance. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1943-1944.

2. HISTORY AND APPRECIATION OF ART. Outline of the development of architecture, and painting in France, England, and America up to the present day, and in other countries from the Renaissance on. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. Second semester (3). Given in alternate years; offered 1943-1944.

3-4. ARTS AND CRAFTS IN THE ELEMENTARY SCHOOL. A course designed to give students practical experience in the arts and crafts usually taught in the elementary school and summer camps. Acquaints the student with various materials and their range of possibilities in activities involving construction, drawing, design and color. Lectures and laboratory work. First semester (2), Second semester (2). Given in alternate years. Offered 1944-1945. Mrs. Harris.

*On leave of absence.

5-6. DRAWING. Basic course, giving fundamentals in drawing from still life, cast, human figure. Acquaints the student with the various media, such as charcoal, pencil, water-color, oil, and tempera. First semester (1), second semester (1). Mr. Rosenberg. An additional fee is charged for this course.

101. MODERN EUROPEAN ART (1800-1942). Development traced mainly in painting in France, but contributions of other countries will also be studied, together with analogous developments in sculpture and architecture. Prerequisite: Art 1 and 2. First semester (2). Given in alternate years; offered 1944-1945.

102. ART IN AMERICA. Survey of the development of American architecture, sculpture, and painting from colonial days to the present. Prerequisite; Art 1 and 2. Second semester (2). Given in alternate years; offered 1944-1945.

103-104. DRAWING. Application of material in Drawing 5-6 to composition and design. Continued sketching from figure with particular emphasis on the development of visual memory. First semester (1), second semester (1). Mr. Rosenberg. Prerequisite: Drawing 5-6 or its equivalent. An additional fee is charged for this course.

Note: Art 1 and 2 must be taken in order to receive credit for Drawing.

Astronomy

(See Physical Sciences)

Biology

PHYLLIS C. MARTIN, Ph.D., Associate Professor

MARGARET T. DOUTT, Ph.D., Lecturer

MARION LASKEY, A.B., Instructor

Students majoring in biology will be expected to take in

Biology: A minimum of four year-courses in the biological sciences, to be chosen in consultation with the head of the department; two years of the biology seminar.

Other sciences: Two year-courses, the choice dependent upon the particular field of biology chosen.

French and German: A reading knowledge is recommended.

1-2. **GENERAL BIOLOGY.** Studies in the structure, physiology, ecology, and heredity of animals and plants; the principal phyla with reference to their classification, evolutionary significance, and human relationships. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3), second semester (3). MRS. MARTIN.

Biology 1 and 2 fulfill the science requirement.

3. **Hygiene.** A study of personal and community hygiene, including anatomy, physiology, and hygiene of the human body, communicable diseases, first aid, and community and public health problems. Three lectures, two hours of laboratory work each week. Prerequisite: Biology 1 and 2. First semester (3). MRS. MARTIN.

4. **NATURE STUDY.** A study of the plants and animals of western Pennsylvania in relation to their environment, including their collection and identification. Two lectures, two hours of laboratory, and one four-hour field trip each week. Prerequisite: Biology 1 and 2. Second semester (3). MRS. MARTIN.

101. **INVERTEBRATE ZOOLOGY.** A study of representative invertebrate animals with consideration of the fundamental principles of biology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944. MISS LASKEY.

102. **VERTEBRATE ZOOLOGY.** Dissection of the cat combined with discussion of mammalian anatomy. Prerequisite: Biology 1 and 2. Two

lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944. MISS LASKEY.

103. BOTANY. Field and laboratory studies in the structure and identification of the algae, fungi, and mosses. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944. MRS. MARTIN.

104. BOTANY. Study of the structure and classification of the ferns and seed plants, with field work on the local flora. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944. MRS. MARTIN.

105. GENERAL BACTERIOLOGY. The characteristics of yeasts, molds, and bacteria, with emphasis on methods of laboratory technique and identification of bacteria. Prerequisite: Biology 1-2; Chemistry 1-2. Two lectures and four hours of laboratory each week. First semester (4). MISS LASKEY.

106. GENERAL BACTERIOLOGY. A study of the bacteria in air, water, soil, food, and disease, with their relation to human welfare. Prerequisite: Biology 105. Two lectures and four hours of laboratory work each week. Second semester (4). MISS LASKEY.

107. HISTOLOGY. Training in histological theory and technique in the study of animal tissues. Prerequisite: Biology 1-2; Biology 101-102 recommended. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1943-1944. MISS LASKEY.

108. HISTOLOGY. Advanced training in histological theory and technique. Prerequisite: Biology 107. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1943-1944. MISS LASKEY.

109. EVOLUTION AND HEREDITY. Study of the facts and theories of evolution, heredity, and cytology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory each week. First semester (4). Given in alternate years; offered 1944-1945.

110. EMBRYOLOGY. A study of the embryological development of animals. Prerequisite: Biology 1 and 2. Biology 102 and Biology 109 recommended. Two lectures and four hours of laboratory each week. Second semester (4). Given in alternate years; offered 1944-1945.

112. EDUCATION FOR MARRIAGE. Lectures and discussions covering problems and adjustments before and after marriage. Open only to juniors and seniors. Three lectures each week. Second semester (3). MRS. DOUTT.

113. HUMAN PHYSIOLOGY. The study of the physiological processes of the human body. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1944-1945.

114. HUMAN DISEASES. The study of the common human diseases with special emphasis on parasitology. Prerequisite: Biology 113. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1944-1945.

115. HORTICULTURE. Principles of home gardening with special reference to autumn activities. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work or practical gardening each week. First semester (4). Given in alternate years; offered 1944-1945.

116. HORTICULTURE. Principles and practice in flower and vegetable gardening. Two lectures and four hours of laboratory work or garden practice each week. Second semester (4). Given in alternate years; offered 1944-1945.

117-118. BIOLOGY SEMINAR. A coordinating course in preparation for the senior comprehensive examination in biology. Required of juniors and seniors majoring in biology. One hour each week. First semester (1), second semester (1). Biology Faculty.

119-120. SPECIAL STUDIES. Open to students who wish to do advanced work in certain fields. First and second semesters. Credits to be arranged. Mrs. Martin, Miss Laskey, Mrs. Douth.

Interdepartmental Majors

In addition to fulfilling the general requirements for graduation, the student must complete one of the programs stipulated below.

A. NATURAL SCIENCE MAJOR. This major is recommended for students preparing to teach science in secondary schools. The science requirements are:

1. Two years each of two of the following sciences: botany, chemistry, physics, and zoology.
2. One year each of the two required sciences not so elected.
3. Biology or Chemistry seminar.

B. PREMEDICAL MAJOR. Students who wish to prepare to enter medical school will elect this major. The courses listed below are based on the requirements of medical schools of the highest rating: Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 102.

The student must further elect such courses as are requested by the particular medical school which she desires to enter. For this reason it is imperative that she make such a choice before her junior year.

Cooperative Course in Training for Medical Technology

Pennsylvania College for Women conducts a cooperative course in medical technology with the Montefiore Hospital in Pittsburgh. The course consists of four years at Pennsylvania College for Women followed by a fifth year at the Montefiore Hospital. The program is based upon the requirements of the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists. During her four years at Pennsylvania College for Women, the student takes Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 105-106, and two years of either Chemistry or Biology seminar, and a number of electives. After receiving her Bachelor of Science degree, she spends twelve months at the Montefiore Hospital taking the prescribed curriculum. Upon satisfactorily passing an examination given by the Board of Registry, she is registered as a Medical Technologist of the American Society of Clinical Pathologists.

Chemistry
(See Natural Sciences)

Economics
(See Sociology)

Education

JAMES S. KINDER, Ph.D., Professor

HAROLD L. HOLBROOK, Ph.D., Director of Adjustment Institute

OLIVE O. HARRIS, M.Ed., Instructor

Students majoring in education are expected to take in

Education: A minimum of twenty-four semester hours, including Education 1-2, 3-4, 101-102, and 108.

Psychology: Psychology 1-2, and 101.

Other fields: Students preparing to teach in secondary schools should select at least eighteen hours from each of two academic fields.

1. INTRODUCTION TO EDUCATION. A reading and discussion course of the principles, ideals, and practices in the American public school system. Prerequisite or co-requisite: Psychology 1. First semester (3). MR. KINDER.

2. INTRODUCTION TO TEACHING IN SECONDARY SCHOOLS. A study of the secondary school with emphasis upon methods of teaching and classroom procedure. Second semester (3). MR. KINDER.

3-4. ELEMENTARY EDUCATION.

(a) Teaching arithmetic: The application of principles to the teaching of arithmetic. (2)

(b) Teaching reading: The application of principles of teaching and learning in the basic arts of communication. Emphasis on experience as the approach. Recommended for secondary and elementary school teachers. (2)

(c) Teaching the social studies: Application of principles of teaching and learning in the field of the social studies. Discussion and evaluation of recent courses of study. The use of local resources and excursions (2). Given in alternate years; offered 1943-1944. Mrs. Harris.

5. TEACHING AND LEARNING IN THE ELEMENTARY SCHOOL: An analysis of the educative process. Emphasis upon education of the "whole child" and other principles of progressive practice. One semester (2). Given in alternate years; offered 1944-1945.

7-8. SURVEY OF EDUCATIONAL THOUGHT. (A Reading Course) Education as a means of individual and social improvement. Origin of modern problems, practices, and educational institutions. Contributions of the various nations; relationship between the political and

educational development. Conference method. By special arrangement with instructor. Limited to six students. First semester (3), or second semester (3). MR. KINDER.

101. OBSERVATION AND PRACTICE TEACHING. During the first semester, the student serves each day as teaching assistant in her elected major, in one of the nearby public schools, at first only preparing the regular class assignments and assisting in minor teaching details, later working into the routine of marking tests and daily written work, helping individual pupils and groups of pupils with extra work, and finally, after some weeks of observation, teaching the class. The student follows the line set forth by the regular teacher, and is directly under the college supervisor. In addition, the student participates in scheduled conferences at the College with the supervisor. Prerequisites: Education 1 and Psychology 2. Specific permission must be obtained in order to register for this course, and registrants are not permitted to carry more than fifteen hours of college credit. First semester (9). MR. KINDER.

102. EDUCATIONAL TESTS AND MEASUREMENTS. The history and development of educational measurement. Emphasis on giving tests and on analysis and interpretation of results. A consideration of means of improving ordinary classroom tests. Prerequisite: Education 1. Second semester (3). Given in alternate years; offered 1943-1944. MR. KINDER.

104. SCHOOL ADMINISTRATION AND SUPERVISION. Analysis of the problems of the administrator and the supervisor in the modern school system. Plan of federal, state, and local educational agencies stressed. Visits will be made to a number of selected schools. Second semester (3). Offered when elected by a sufficient number of students.

106. EDUCATIONAL SOCIOLOGY. A sociological consideration of schools and education: aims, curriculum, method. Recitations, lectures, reports. Second semester (3). Given in alternate years; offered 1944-1945.

108. OBSERVATION OF TEACHING. Designed for elementary teachers. Object is to acquaint students with school routine before student teaching is begun, and to assure a more extended contact with children. The observations will be correlated with assigned readings and followed by conferences. Open to juniors. Second semester (1). MR. KINDER.

110. VISUAL-SENSORY AIDS. The place of visual and other sensory aids in the learning process. The State course of study will be followed. Topics: research; historical background; verbalism; projectors, still and motion pictures; school journeys; object-specimen-models;

museum procedure; pictorial materials; photography; blackboard-bulletin board techniques; television; bibliography. Two lectures and two hours of laboratory work each week. Occasional trips. Second semester (3). MR. KINDER, MR. SPENCER.

111-112. SEMINAR IN EDUCATION. Readings, investigation, and forum discussion of topics in education and psychology, with emphasis on current research. Open to advanced students in education and psychology. First semester (1), second semester (1). EDUCATION FACULTY.

113-114. MENTAL HYGIENE. Lectures, group discussions, supplementary reading, and personal application of mental hygiene under rational controlled conditions. The general plan of the course will include the meaning of the field of mental hygiene, behavior from hygiene point of view, disturbances, biological foundations of mental hygiene, personality variations, the home, the school, and the career. First semester (2), second semester (2). MR. HOLBROOK.

Requirements for Recommendation for State Certification

Students are recommended to any state for secondary school certification when they satisfactorily complete the specific requirements of that state, with all requirements for the bachelor's degree. Students are recommended for certification for elementary school teaching when they have completed the elementary curriculum, and satisfied the requirements for the bachelor's degree.

In Pennsylvania the minimum education requirements for the college provisional certificate for secondary school teaching are: Psychology 2, Education 1 and 101, with six other semester hours in education, including special methods courses (not to exceed three hours). In addition it is necessary to have completed at least eighteen semester hours in each subject in which the student wishes to be certified to teach. United States History and the History of Pennsylvania are required for all teachers in the public schools of the state.

Students interested in teaching in the elementary school should consult the head of the department of education during the freshman year. Certification for the elementary school necessitates the completion of the special elementary curriculum. Students interested in the teaching of music should consult the head of the music department during the freshman year. Those considering teaching in the elementary school will find the statement in *The Careers of Distinction* helpful.

English Composition and Literature

CARLL W. DOXSEE, Ph.D., Professor

MARY I. SHAMBURGER, A.M. }

HAZEL COLE SHUPP, Ph.D. } Assistant Professors

VIVIAN M. RAND, A.M., Instructor

English 1-2 is required of all freshmen, except in certain cases in which admission to English 3-4 is permitted, at the discretion of the department, to freshmen whose preparatory work in English has been of especially high quality.

Students majoring in English will be expected to take a minimum of twenty-four hours in the department, exclusive of English 1-2, which is not to be considered part of the major. For English majors, English 5-6 is prerequisite to all advanced courses in English literature. Eighteen hours shall be in the Upper Division and shall include at least two courses in English literature. Courses in the Upper Division are arranged in groups. English majors must elect one course from each of Groups A, B, and C. A course in Group D is recommended, together with courses from the fields of history, language, philosophy according to the interest of the student. Election is to be made only upon consultation with the head of the department.

Group A. Middle English Literature and Chaucer

Shakespeare

Comparative Drama

Milton and the Seventeenth Century

Group B. Eighteenth Century Literature

The Novel

Victorian Literature

The Romantic Movement in English Poetry

Group C. General Writing Course

Creative Writing

Journalistic and Magazine Writing

Group D. Contemporary Poetry

American Literature

Reading Course in Contemporary Thought

1-2. FRESHMAN ENGLISH. The purpose of the course is to teach clear and correct expression in writing. Reading of various types of literature to stimulate thought and to furnish examples of craftsmanship. Writing of themes, short and long, on subjects of personal experience, explanation of ideas, and critical comment. First semester (3), second semester (3). MISS SHAMBURGER, MRS. RAND.

Students who make a grade of D in the second semester of this course must carry an English course during the sophomore year.

3-4. GENERAL WRITING COURSE. Various types of writing accompanied by wide reading. Recommended in most cases as preparation for advanced writing courses. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MRS. SHUPP.

5-6. INTRODUCTION TO ENGLISH LITERATURE. Readings and lectures on the history of English Literature, with classroom discussion of representative works illustrative of different periods and types. Primarily for sophomores; open to freshmen. First semester (3), second semester (3). MR. DOXSEE, MRS. SHUPP.

103-104. CREATIVE WRITING. Experimentation with various types of original composition such as the short story and the personal essay. Intensive practice in the type of writing best suited to the ability and preference of each student. Conferences and class criticism. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MRS. SHUPP.

107-108. JOURNALISTIC AND MAGAZINE WRITING. First semester, news and feature writing, newspaper techniques and practice. Second semester, stories and feature articles slanted toward magazine publication. Students who are reporters, feature and copy writers, proof-readers, etc., for the *Arrow* may present successful work for the paper as part of their class work, for which they will receive credit. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

109. THE ROMANTIC MOVEMENT IN ENGLISH POETRY. Wordsworth, Coleridge, Byron, Shelley, Keats, with special attention to the intellectual, political, and social movements of the time. First semester (3). Given in alternate years; offered 1943-1944. MR. DOXSEE.

110. VICTORIAN LITERATURE. Victorian thought as reflected in the work of leading writers: Carlyle, Ruskin, Arnold, Huxley, Tennyson, Browning, Morris, and Swinburne. Second semester (3). Given in alternate years; offered 1943-1944. MR. DOXSEE.

113-114. COMPARATIVE DRAMA. Studies in the development of the drama from its origin to the present day. Extensive readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

115-116. THE NOVEL. Studies in the development of English fiction. Assigned readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MR. DOXSEE.

117-118. **MIDDLE ENGLISH LITERATURE AND CHAUCER.** In the first semester representative epics and romances of mediaeval times. In the second semester, selected readings from the works of Chaucer and his contemporaries. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

119-120. **INTRODUCTION TO AMERICAN LITERATURE.** A general survey of American literature from colonial times to the present day. Assigned readings, lectures, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MISS SHAMBURGER.

121-122. **CONTEMPORARY BRITISH AND AMERICAN POETRY.** Comprehensive reading, informal discussion, and reports. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

123-124. **EIGHTEENTH CENTURY LITERATURE.** A study of the temper, prevailing ideas, manners, and customs of the neo-classical period as shown in the work of its eminent writers; and of the emergence of social and humanitarian principles in the literature of the latter part of the century. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

125-126. **MILTON AND THE SEVENTEENTH CENTURY.** This course deals with the social, political, and philosophical aspects of the seventeenth century, as well as with its literature. The first semester will be chiefly a reading course in the minor poets of the century; the second semester will be devoted to a study of Milton. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

127-128. **READING COURSE IN CONTEMPORARY THOUGHT.** Readings in contemporary prose in such fields as biography, social criticism, religion, politics, and the like. Conferences and reports. First semester (3), second semester (3). The group will be limited to ten and election can be made only after consultation with the instructor. Omitted in 1943-1944.

129-130. **SHAKESPEARE.** Intensive study of selected plays. Background and criticism. Special consideration of methods of presenting plays which will be helpful for students who are planning to teach in secondary schools. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MRS. SHUPP.

131-132. **A COORDINATING COURSE** in preparation for the senior comprehensive in English. First semester (1), second semester (1). English faculty.

Family Living

(Home Economics)

IRMA AYERS, B.S., Instructor

The Department of Home Economics at Pennsylvania College for Women was established in 1941 with headquarters in Andrew Mellon Hall. The Department offers specific preparation for work in Home and Family Living and Pre-Dietetics. It also provides broadly humanistic training in the practical problems of food, budget, clothing, and furnishings which are significant for every woman who is to be a home maker.

Students majoring in Family Living are expected to take the following Family Living courses, beginning in the sophomore year: 1, 2, 3, 4, 101, 102, 103, 104. Other courses in science, psychology, and sociology will be chosen in consultation with the head of the department.

Any student in college is encouraged to elect from the following courses offered by the department:

1. **PERSONAL CLOTHING PROBLEMS.** Grooming, the care of clothing, the choice and use of color and design in relation to the individual needs of the college girl. First semester (3).
2. **SELECTION OF CLOTHING AND TEXTILES.** Designed to develop judgment in clothing selection, and a greater appreciation of good workmanship in apparel; conservation of clothing; buying aids; the clothing budget; textile fibers and fabrics. The appreciation of the principles of garment construction. Two lectures and one two-hour laboratory each week. Second semester (3).
- 3-4. **FOODS AND NUTRITION.** The principles of nutrition as they influence the daily choice and use of food by the individual and the family. Principles and fundamental processes of food preparation. Planning, preparing, and serving of family meals in wartime. Two lectures and one three-hour laboratory each week. First semester (3), second semester (3).
101. **FAMILY FOOD PROBLEMS.** The economic, nutritional, and social aspects of planning, buying, preparing, and serving meals to meet the needs of the family in wartime. Two lectures and one three-hour laboratory each week. First semester (3). Given in alternate years; offered in 1943-1944.

102. **CHILD DEVELOPMENT.** The factors which aid in promoting the growth and development of the child. The daily schedule, food and clothing requirements, desirable habit formation, and mental, emotional, and social development. The laboratory will provide observation and experience in guiding and supervising young children. Two lectures and one two- or three-hour laboratory each week. Second semester (3). Given in alternate years; offered in 1943-1944.
103. **HOME MANAGEMENT.** Present-day family in terms of size, composition, income, housing, and expenditures. Management of the resources of the home as a means toward a better understanding of the problems of family living. Selection, care, and use of home equipment. Two lectures and one two-hour laboratory each week. First semester (3). Given in alternate years; offered in 1944-1945.
104. **HOME FURNISHINGS.** Principles of home furnishings and their application to specific problems of selection and arrangement. Two lectures and one two-hour laboratory each week. Second semester (3). Given in alternate years; offered in 1944-1945.

French Language and Literature

MARION GRIGGS, Ph.D., Assistant Professor

MARGUERITE MAINSSONNAT OWENS, A.M., Assistant Professor.

Students majoring in a modern language will be expected to take a minimum of twenty-four hours in the language chosen, of which twelve hours shall be in the Upper Division. It is recommended that in addition courses be taken in history, English literature, economics, psychology, philosophy, music or art. A second language is strongly recommended.

1-2. **ELEMENTARY FRENCH.** Designed for students who are beginning the study of French or whose previous preparation is felt to be inadequate. Pronunciation, elements of grammar, vocabulary assimilation, oral and aural drill, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS.

3-4. **INTERMEDIATE FRENCH.** Designed for students who wish to develop the ability to read French and for those who wish to continue the study of French. Oral and aural work, vocabulary acquisition, review of the fundamentals of grammar, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS.

5-6. **AN INTRODUCTION TO FRANCE.** Geographical, historical, and literary background. Great steps in French civilization leading to

modern time. The people and the institutions. Illustrative reading in French and English. First semester (3), second semester (3). MRS. OWENS.

107-108. LITERATURE OF THE SEVENTEENTH CENTURY. Literary and social aspects of the seventeenth century. Special emphasis on Corneille, Racine and Moliere. Prerequisite: French 3-4 or 5-6 or equivalent. First semester (3), second semester (3). MISS GRIGGS.

109-110. LITERATURE OF THE EIGHTEENTH CENTURY. Literary and social aspects of the eighteenth century. Special emphasis on the philosophers. Collateral readings and reports. Prerequisite: French 5-6 or 107-108. First semester (3), second semester (3). MRS. OWENS.

111-112. LITERATURE OF THE NINETEENTH CENTURY. Literary and social aspects of the nineteenth century. Critical study of representative writers. Poetry, drama, novel, and criticism. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MRS. OWENS.

115-116. THE MODERN NOVEL. Development and tendencies. Extensive readings in French, oral reports in French. Special emphasis on Proust, Gide, Jules Romains and other post-war novelists. Prerequisite: French 107-108, 109-110 or 111-112. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

118. THE TEACHING OF FRENCH. For students who wish to be recommended to teach. The first few weeks deal with language teaching in general and may be audited by students of any foreign language. The remainder of the time is devoted to special problems in teaching French. Prerequisite: French 107-108. Second semester (2). Omitted in 1943-1944.

119. CONVERSATION. Development of self-confidence in expressing ideas in French. Drill in the increase of oral vocabulary, *causeries* about everyday life, discussions, informal debates. Analytical study of pronunciation and use of recording phonograph. Open to all students. First semester (2) or (3). MRS. OWENS.

122. COMPOSITION. For students who want to master the difficulties of written French. Translation of texts from English into French; discussion of the translations based on grammatical review. Individual composition. Prerequisite: French 5-6 or 107-108. Second semester (2) or (3). MRS. OWENS.

125-126. A COORDINATING COURSE in preparation for the senior comprehensive in French. First semester (1), second semester (1). French faculty.

Geology and Geography (See Physical Sciences)

German Language and Literature

ELIZABETH PIEL, Ph.D., Assistant Professor

For the requirements for a major in a modern language see page 39.

1-2. **ELEMENTARY GERMAN.** Fundamentals of German grammar, introduction to reading, composition, and conversation. Open to students who do not present German at entrance. First semester (3), second semester (3).

3-4. **INTERMEDIATE GERMAN.** Review and continued study of grammar, and its application in composition. Reading of modern German literature. Prerequisite: German 1-2 or its equivalent. First semester (3), second semester (3).

S3-S4. **SCIENTIFIC GERMAN.** Reading in scientific German, with assigned readings in the student's major field. Readings in military German for the duration of the war. Written and oral reports. Prerequisite: German 1-2. First semester (3), second semester (3).

105-106. **CLASSICAL PERIOD IN GERMAN LITERATURE.** A survey of German literature from its beginnings to the present day, with special emphasis given to the Classical Period. A critical study of Lessing, Goethe, and Schiller. Reading of plays. Reports. Prerequisite: German 3-4. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

107. **ROMANTIC PERIOD OF GERMAN LITERATURE.** Readings, reports and discussions. Prerequisite: German 3-4. First semester (3). Given in alternate years; offered 1943-1944.

108. **MODERN GERMAN LITERATURE.** Readings, reports, and discussions. Prerequisite: German 3-4. Second semester (3). Given in alternate years; offered 1943-1944.

109-110. **ADVANCED GERMAN.** Composition and conversation. Review of grammar; composition based on assigned topics. Discussions in German. Prerequisite: German 3-4. First semester (2), second semester (2).

Greek Language and Literature

*NITA L. BUTLER, Ph.D., Professor

Requirements for students majoring in the classics are stated in connection with the requirements of the Latin Department.

1-2. **ELEMENTARY GREEK.** Grammar, composition. Xenophon: Selections from the Anabasis or the Memorabilia. Open to all students. First semester (3), second semester (3). Omitted 1943-1944.

3-4. **CLASSICAL CIVILIZATION.** A survey of the life and thought of the Greeks and Romans based upon the literature of the classical period. Open to all students. A knowledge of the classical languages is not required. First semester (3), second semester (3). Omitted 1943-1944.

*On leave of absence.

History and Political Science

ANNA L. EVANS, Ph.D., Professor

LABERTA DYSART, A.M. } Assistant Professors
EFFIE L. WALKER, A.M. }

Students majoring in history and political science will be expected to take in

HISTORY: Twenty-four hours, including History 1-2, and twelve additional hours either in history or in approved courses in the social sciences, or in correlated subjects such as the history of philosophy, when such arrangements are approved by the head of the department; the selection depending chiefly upon previous preparation and end in view. Major students will be expected to take a general course in two of the five recognized divisions of historical study. The five divisions are: 1. Ancient; 2. Mediaeval; 3. Modern European; 4. English; 5. American.

OTHER FIELDS: A reading knowledge of French, German, Latin or Spanish is strongly recommended.

EARLY EUROPEAN HISTORY

1-2. **HISTORY OF WESTERN CIVILIZATION.** A survey of cultural developments from the beginning of civilization to the present day. Prerequisite for majors in history unless excused by the head of the department. First semester (3), second semester (3). MISS EVANS, MISS DYSART.

103. HISTORY OF THE ANCIENT ORIENT AND THE GREEK STATES. A study of the origin and development of civilization in the ancient Near East, followed by a survey of political, economic, and cultural developments among the Greeks. Prerequisite: History 1-2. First semester (3). MISS DYSART.

104. HISTORY OF ROME TO 476 A.D. A study of the rise of Rome to a world power and the decline of that power; economic and social problems, and cultural developments in the Roman state. Prerequisite: History 1-2. Second semester (3). MISS DYSART.

105-106. MEDIAEVAL AND EARLY MODERN EUROPEAN HISTORY. A survey of the leading political, intellectual, social, and economic movements from the Decline of the Roman Empire to 1789. Prerequisite: History 1-2. First semester (3), second semester (3). MISS DYSART.

107-108. THE RENAISSANCE AND THE REFORMATION. The Renaissance in the fourteenth, fifteenth, and sixteenth centuries, with special reference to Italy and to the literature of the period. The period of the Protestant Revolt. Prerequisite: History 1-2. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

MODERN EUROPEAN HISTORY

109-110. HISTORY OF ENGLAND AND GREAT BRITAIN. The political, social, and economic history of England, from the Tudors to the present time. Not open to freshmen. First semester (3), second semester (3). MISS EVANS.

111-112. FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD. The conditions of France from the 15th century to 1789. The progress and results of the Revolution and its constitutional phases. The rise of Napoleon with the constitutional and dynamic changes and the permanent results of the period. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

113-114. HISTORY OF RUSSIA. Russian internal developments from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MISS EVANS.

115. EUROPE SINCE 1815. The political, social and cultural history of Europe from the Congress of Vienna to 1870. Prerequisite: History

1-2 except with the permission of the instructor. First semester (3). MISS EVANS.

116. EUROPE SINCE 1870. Political and social reform; cultural, scientific, and economic movements; the expansion of Europe; the World War and the countries after the War. Prerequisite: History 1-2 except with the permission of the instructor. Second semester (3). MISS EVANS.

117. SEMINAR IN MODERN EUROPEAN HISTORY. International Relations. Open to history majors and to others by special permission. Second semester (2) or (3). MISS EVANS.

119-120. A COORDINATING COURSE in preparation for the senior comprehensive in history. First semester (1), second semester (1). History faculty.

AMERICAN HISTORY

121-122. HISTORY OF THE UNITED STATES. A general survey of the colonial and national history of the United States. Prerequisite: History 1-2, except with permission of the instructor. First semester (3), second semester (3). MISS WALKER.

123-124. THE HISTORY OF LATIN AMERICA. A general course dealing with the aboriginal background, the colonial origins, and the national development of the Latin-American states, with emphasis on the relations of the U. S. with the region. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MISS WALKER.

126. SEMINAR. HISTORY OF PENNSYLVANIA. Open to students who have taken History 121-122. Required of students who are planning to teach in Pennsylvania. Second Semester (2). Given in alternate years; offered 1943-1944. MISS WALKER.

Political Science

3-4. AMERICAN GOVERNMENT. A general survey of American government—national, state, and local. First semester (3), second semester (3). MISS WALKER.

127-128. COMPARATIVE GOVERNMENT. A comparative study of the government of the United States, the parliamentary democracies of Great Britain and France, and the dictatorial régimes of Fascist Italy, National Socialist Germany, and the Soviet Union. Open to sophomore, juniors, and seniors. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

129-130. **PUBLIC ADMINISTRATION.** This course deals with public administration as a function and is not pointed toward any particular level of American or foreign government. Topics include: executive, legislative, judicial, and political party controls; forms of administrative procedures; organization and personnel problems; special consideration of selected phases of administration, including social insurance, health, and public expenditures. The course is designed for students interested in problems of government and to meet the needs of those planning to qualify for public service. Prerequisite: Political Science 3-4 or 123-124 or the consent of the instructor. Given in alternate years; offered 1943-1944. Miss SHIELDS.

Home Economics (See Family Living)

Italian Language and Literature

*NITA L. BUTLER, Ph.D., Professor

1-2. **ELEMENTARY ITALIAN.** Study of the fundamentals of grammar. Reading of simple texts dealing with Italian life. Conversation based upon texts read. First semester (3), second semester (3).

3-4. **INTERMEDIATE ITALIAN.** Reading of modern Italian literature and of selected comedies of Goldoni. Continued study of syntax, composition, and conversation. Prerequisite: Italian 1-2 or its equivalent. First semester (3), second semester (3).

(The above courses will be offered only when a sufficient number of students elect them.)

Latin Language and Literature

*NITA L. BUTLER, Ph.D., Professor

Students majoring in Latin will be expected to elect courses in Latin and/or Greek in appropriate sequence under the guidance of the head of the department. The number of such courses will be dependent upon the number of units of Latin presented for entrance. Such students are expected to take Greek 3-4 and one course in Latin composition.

Other fields: History 103-104. A reading knowledge of French and German is strongly recommended.

1-2. **CICERO, OVID, LIVY, HORACE.** CICERO: selections from the letters, *De Amicitia* or *De Senectute*; or Ovid: *Metamorphoses*. Livy: selections from books I, XXI. Horace: Odes and Epodes. Open to students who present three or four units of Latin. First semester (3), second semester (3).

*On leave of absence.

3. **PLAUTUS AND TERENCE.** Selected plays. A study of the development of Roman comedy. First semester (3). Given in alternate years; offered 1944-1945.

4. **HORACE: SATIRES AND EPISTLES.** Second semester (3). Given in alternate years; offered 1944-1945.

101. **TACITUS, JUVENAL.** A study of Roman society under the early empire. First semester (3). Given in alternate years; offered 1943-1944.

102. **CATULLUS, TIBULLUS, PROPERTIUS, OVID.** A study of Roman lyric and elegiac poetry. Second semester (3). Given in alternate years; offered 1943-1944.

103. **THE TOPOGRAPHY AND MONUMENTS OF ROME.** Open to all students. First semester (2). Given in alternate years; offered 1943-1944.

104. **PRIVATE LIFE OF THE ROMANS.** Open to all students. Second semester (2). Given in alternate years; offered 1943-1944.

105-106. **LATIN SELECTIONS.** A translation course offering readings from Pliny, Ovid, and Martial, illustrative of Roman mythology, topography, and life. Supplementary to Latin 103-104. First semester (1), second semester (1). Given in alternate years; offered 1943-1944.

107. **TEACHER TRAINING COURSE IN LATIN.** A study of aims and objectives, of methods and textbooks; organization of units of subject matter; rapid reading of authors usually read in secondary schools; exercises in prose composition. First semester (1), second semester (1). Given in alternate years; offered 1944-1945.

Mathematics

HELEN CALKINS, Ph.D., Professor

Students majoring in mathematics will be expected to take in

MATHEMATICS: Courses 1-2, 5-6, 101, 102, 105, 106, or 110.

1-2. **AN INTRODUCTION TO MATHEMATICAL ANALYSIS.** A unified course in the essential concepts of college algebra, trigonometry, and analytical geometry. First semester (3), second semester (3).

3. **ELEMENTARY STATISTICS.** An introduction to the recent methods of statistical analysis and interpretation, with many illustrations taken from the fields of biology, psychology, education and economics; graphic representation; averages; measures of dispersion; skewness;

excess; curve fitting; correlation; theory of sampling; index numbers. First semester (3).

4. MATHEMATICS OF BUSINESS. Percentage and its applications to business; insurance; business of the home; interest and discount; finance companies and installment buying; stocks and bonds; public finance; annuities. Second semester (3).

5-6. ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS. A study of (1) the operations of differentiation and integration of algebraic and ordinary transcendental functions and (2) their applications to geometry and motion. Prerequisite: Mathematics 1-2. First semester (3), second semester (3).

101. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS. A study of the properties of (1) lines and conics in a plane and (2) lines, planes, and quadric surfaces in space. Prerequisite: Mathematics 1-2. First semester (3). Given in alternate years; offered 1943-1944.

102. THEORY OF EQUATIONS AND DETERMINANTS. A course based on Dickson's "Theory of Equations." Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1943-1944.

104. THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. A study of (1) the function of mathematics in the junior and senior high school curriculum, and (2) the methods of classroom procedure. Prerequisite: Mathematics 5-6. Second semester (3). Given in alternate years; offered 1944-1945.

105-106. ADVANCED DIFFERENTIAL AND INTEGRAL CALCULUS. A continuation of Mathematics 5-6. Prerequisite: Mathematics 5-6. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

110. COLLEGE GEOMETRY. A second course in plane Euclidean geometry; geometric constructions; properties of the triangle; the Simson line; transversals; harmonic section; harmonic properties of circles; inversions; recent geometry of the triangle. Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1944-1945.

111-112. A COORDINATING COURSE in preparation for the senior comprehensive in mathematics. First semester (1), second semester (1).

Music

HELENE WELKER, A.B.	} Assistant Professors
LILLIE B. HELD, A.M.	
RALPH LEWANDO	} Instructors
GERTRUDE NORTHRUP AYARS, Mus.B.	
EARL B. COLLINS, Mus.B.	
BERNICE AUSTIN, Mus.B.	

Students may major either in applied music or in theory of music.

Students majoring in applied music will be expected to take in

MUSIC: The following minimum in theory and appreciation courses: Theory 1-2, 3-4, 7-8, 101-102, 103-104, and two additional hours in appreciation plus the minimum requirements in the chosen field of applied music which are: for a major in piano, sixteen hours; for an organ or a violin major, fourteen hours in the major and two hours in piano; for a voice major, fourteen hours in voice, two hours in piano, and two years' membership in the chorus. A student doing her major work in applied music will be required to take a minimum of two half-hour lessons a week.

Students majoring in theory will be expected to take in

MUSIC: The following minimum: Theory 1-2, 3-4, 7-8, 101-102, 103-104, plus two additional hours in appreciation; a minimum of eight hours in applied music.

Students majoring in applied music or theory will be expected to take at least one year in modern dance. They are advised to take in

OTHER FIELDS: Courses in modern languages, English literature, history, history of art, psychology, science, and education. Elections are to be made upon consultation with the head of the department.

CREDIT FOR APPLIED MUSIC is based on practice and on theory courses.

One semester credit is given for three hours of practice a week, two semester credits for six hours of practice a week, etc., provided the prescribed theory courses are taken. To secure credits for applied music, a theory course must accompany each year of applied music study. Theory 1-2 is required in the freshman year, and Theory 3-4 in the sophomore year of all students taking applied music for credit.

A few competitive scholarships are available in applied music.

Examinations for these will be given in the spring or early in the first semester.

Attendance at work shops and recitals is expected of all students in the department.

It is the purpose of the Music Department to give the student a thorough musical training, and also to provide the cultural background desirable for the profession.

The Music Department maintains in addition to the regular college work in music:

1. A Children's Department in *Piano* for children from the age of three. The preliminary work consists of rhythmic training, singing, rote playing, creative work, etc., and is carried on in classes. When the child's sense of pitch and rhythm has been sufficiently developed, he begins the actual piano instruction, which is given in private lessons or in small classes. The work in ear training is continued.
2. A College-Preparatory Department in Piano, Voice, and Organ for students of intermediate age (from 14 to college age).
3. An Adult Department for students beyond college age. Private and class lessons in piano, organ, violin, and voice are available to this group. Lessons are scheduled during the day or in the evening.

For charges for the above, see page 84.

Theory

1-2. THEORY. Ear training, sight singing, dictation, keyboard work. The presentation of simple harmonic material. The study of musical elements, form, etc., through aural analysis of representative compositions. Class meets five hours a week. Open to all students. Required of all students in the first year of applied music. First semester (4), second semester (4). MISS HELD, MISS WELKER.

3-4. THEORY. A continuation of Theory 1-2 using more difficult material. Class meets four hours a week. Required of all students in the second year of applied music. Prerequisite: Theory 1-2. First semester (3), second semester (3). MISS HELD, MISS WELKER.

101-102. ADVANCED THEORY. A continuation of Theory 3-4 using more difficult material. Composition. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1943-1944. MISS HELD, MISS WELKER.

103-104. COUNTERPOINT. Counterpoint in two, three, and four parts. Analysis of polyphonic style as exemplified by the masters. Composition in contrapuntal style. Keyboard work. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

Appreciation

The following courses are offered as a substitute for the three-hour course in Appreciation of Music formerly listed in the catalogue.

Note: Courses 5, 7, 105 (or 107) may be taken concurrently as a three-hour course in Appreciation of Music.

Courses 6, 8, 106 (or 108) may be taken in this way also.

5. THE ART OF LISTENING. A course designed to develop intelligent appreciation through the study of musical elements such as rhythm, melody, harmony, tone color, musical texture. Aural analysis of representative compositions. Note: This course is included in Theory 1. Open to all students. First semester (1). MISS HELD.

6. THE ART OF LISTENING. Introduction to form. A course designed to develop intelligent appreciation of form in music through aural analysis of compositions played. Note: This course is included in Theory 2. Open to all students. Second semester (1). MISS HELD.

7. SYMPHONIC LITERATURE. A course correlated as far as possible with the series of concerts given during the year by the Pittsburgh Symphony Orchestra, and designed as a background for them. Instruments of the orchestra. The development of the orchestra. A survey of orchestral literature and forms from the seventeenth century to the time of Beethoven. Subscription to symphony concerts urged. Open to all students. First semester (1). MISS HELD.

8. SYMPHONIC LITERATURE. A continuation of 7. A survey of orchestral literature and forms from the time of Beethoven up to the twentieth century. Open to all students. Second semester (1). MISS HELD.

105. SONG. The rise of secular song. A study of folk music and its influence through the years on formal music. Open to all students. Given in alternate years; offered 1943-1944. First semester (1). MISS HELD.

106. ART SONG. The development of the song as an art form. A survey of the literature in the field. Open to all students. Given in alternate years; offered 1943-1944. Second semester (1). MISS HELD.

107. CONTEMPORARY MUSIC. A study of the chief trends in music since 1900. Analysis of works of some of the leading composers of the century. Open to all students. Given in alternate years; offered 1944-1945. First semester (1).

108. AMERICAN MUSIC. A survey of American music from colonial times to the present day with special emphasis on native sources from

which composers of this country may draw their inspiration. Open to all students. Given in alternate years; offered 1944-1945. Second semester (1).

Music Education

109-110. **ELEMENTARY SCHOOL MUSIC.** Aims and objectives, principles, methods, and materials in the teaching of music in the elementary grades. Designed for students interested in elementary education. First semester (2), second semester (2). Given in alternate years; offered 1943-1944. **MISS HELD.**

111-112. **PRACTICE TEACHING IN THEORY.** Opportunity is given to advanced students, when qualified, to assist in teaching Theory 1-2. Observation, conferences. Hours and credits to be determined by individual student's load and the needs of the department. **MISS HELD, MISS WELKER.** Note: This course has no connection with the Department of Education, and does not satisfy the requirements of practice teaching as set forth by that department for public school majors.

*113-114. **TEACHER TRAINING COURSE IN PIANO.** Principles of progressive music teaching with special reference to the piano. Special fee. First semester (1), second semester (1). **MISS BERNICE AUSTIN.**

*115-116. **CHURCH CHOIR DIRECTING AND REPERTOIRE.** Fundamentals of directing. Study of standard repertoire, including chants, polyphonic, Russian, and modern music. Practice directing. Special fee. First semester (1), second semester (1). **MR. COLLINS.**

*For special fees for these courses see p. 84.

*Applied Music

PIANO 1-2, 3-4, 101-102, 103-104. The mastery of the essentials of good technique including tone, phrasing, pedaling, etc., combined with the systematic study of representative works from the classical, romantic, and modern schools. Students of all degrees of proficiency are admitted. Instruction is adapted to the needs of the individual. **MISS WELKER.**

ORGAN 1-2, 3-4, 101-102, 103-104. Training for both professional and cultural purposes; special training for church organists; opportunity for practical application in performance at chapel and vesper services. Open to beginners and advanced students. **MR. COLLINS.**

*For credit in applied music see p. 48.

VIOLIN 1-2, 3-4, 101-102, 103-104. The violin course embraces a progressive procedure of study adapted to the actual technical and musical needs of the student; the selection of study material and a method of practice conducive to definite achievement in the playing of solo, chamber, and orchestra music of all schools of composition. Students are encouraged to study the viola in order to develop as performers and participants in chamber and orchestral music. MR. LEWANDO.

VOICE 1-2, 3-4, 101-102, 103-104. The comprehensive study of the art of singing for the beginning as well as the advanced student, stressing the liberation of the voice through the correct control of breath and throat; diction, rhythm, and phrasing; repertoire chosen from the classic, romantic, and modern schools to suit the particular talent of each student. MRS. AYARS.

OTHER INSTRUMENTS. Arrangements can be made to study viola, cello, bass viol, flute, clarinet, oboe, and other instruments not specified above. Students who do not have instruments of their own may rent them or buy them on the installment plan from the college.

PIANO, VOICE, VIOLIN, ORGAN CLASS. Classes in the foregoing are available for students who have not the time for the more intensive work required in private lessons. One semester hour's credit is given, provided the work is accompanied by the prescribed theory course.

There are special charges for all the courses listed above. See page 83.

CHORUS. Training in choral singing to the end of greater appreciation. Study of the best music available for women's voices. Emphasis on beauty of tone, diction, phrasing. Attendance required at all functions in which the Chorus takes part. Open to all students who pass a simple test. Chorus meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MRS. AYARS.

INSTRUMENTAL ENSEMBLE. Training in ensemble playing. The group consists of strings, woodwinds, piano, organ, and various small combinations of these. Open to students who can play some instrument. Ensemble meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MISS HELD.

Note: Students may not elect (except with special permission) more than one of the following courses in the same year:

Chorus

Instrumental Ensemble

Choral Speaking

Nursing Education

(Five-Year Nursing Programs)

Pennsylvania College for Women conducts a five-year nursing program in cooperation with two Pittsburgh hospitals: Allegheny General and the Presbyterian. The details of the two programs differ somewhat; for instance, the student at Allegheny General works two and a half years at Pennsylvania College for Women with summer work at the hospital, then two years in residence at the hospital, with a final half year at the college; while the Presbyterian Hospital program calls for three consecutive years at the college with summer work at the hospital followed by two years' residence work at the hospital. The courses required and the general qualifications are, however, similar. (See *Careers of Distinction* for details of five-year nursing programs.)

Philosophy

CARLL W. DOXSEE, Ph.D.

1-2. **THE HISTORY OF PHILOSOPHY.** A survey of the rise and development of philosophic thought in Europe. Readings, discussions, and reports. Open to sophomores, juniors, and seniors. First semester (3), second semester (3). Offered 1943-1944.

3. **LOGIC.** An introductory study with exercises in application and criticism. Open to sophomores, juniors, and seniors. First semester (3). Given in alternate years. Omitted 1943-1944.

4. **ETHICS.** An examination of various types of ethical theory together with discussion of characteristic modern ethical problems. Open to sophomores, juniors, and seniors. Second semester (3). Given in alternate years. Omitted 1943-1944.

Physical Education

HELEN G. ERRETT, M.A., Assistant Professor.

ELEANOR GRAHAM, M.Ed., Instructor

Medical and physical examinations are required of freshmen, sophomores, students entering from other colleges, and those juniors and seniors participating in sports. The examining physician recommends

to each student the form of physical education which will be most beneficial to her.

Physical education is required of all freshmen and sophomores. Hygiene is required of all first-year students. The lectures are given one hour a week during the first semester.

It is recommended that upper classmen register for a physical education class (two hours a week) or for active sports (two hours a week).

Freshmen after the fall period may select from the following courses: 1-2, 17-18, 23-24.

In an effort to secure greater physical endurance and fitness, for our war effort, a 20 minute period of body mechanics is given each morning.

Every student taking the required physical education courses must purchase a regulation gymnasium outfit. This outfit is secured before college opens from dealers who handle the uniform adopted and required by the Physical Education Department.

The Athletic Association, under the supervision of the Physical Education Department, arranges inter-class competitive athletics and, in Andrew Mellon Hall pool, recreational swimming and life saving classes.

1-2. ELEMENTARY PHYSICAL EDUCATION AND HYGIENE.

Fall: Hockey.

Winter: Volley ball and basket ball, modern dance, swimming.

Spring: Baseball, modern dance, swimming. (Choice)

Required of freshmen. First semester (3), second semester (3).

3-4. ADVANCED PHYSICAL EDUCATION.

Fall: Hockey.

Winter: Volley ball, basket ball.

Spring: Baseball.

Open to sophomores. First semester (2), second semester (2).

5-6. SPORTS.

Fall: Tennis, archery.

Winter: Badminton, table tennis, bowling.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

Limited registration.

7-8. SPORTS.

Fall: Tennis, archery. (Choice)

Winter: Badminton, table tennis, bowling.

Spring: Tennis, archery.

Open to sophomores. First semester (2), second semester (2).

Limited registration.

11-12. RIDING.

Fall and spring only.

Open to sophomores. Another physical education course must be taken during the winter term in order to receive four hours credit for the year. A student must have written permission from home before taking riding. A fee is charged for this course.

13-14. ELEMENTARY GOLF AND BOWLING, RIFLE. (Fee charge)

First semester (2), second semester (2).

15-16. ADVANCED GOLF AND BOWLING, RIFLE. (Fee charge)

First semester (2), second semester (2).

17-18. MODERN DANCING FOR FRESHMEN.

Winter and spring term.

First semester (1), second semester (2).

19-20. MODERN DANCING FOR SOPHOMORES.

First semester (2), second semester (2).

21-22. SQUARE DANCING AND SOCIAL DANCING.

Open to sophomores and upper classmen.

First semester (2), second semester (2).

23-24. BEGINNING SWIMMING. (Fee charge)

First semester (2), second semester (2).

25-26. ADVANCED SWIMMING. (Fee charge)

First semester (2), second semester (2).

27-28. INDIVIDUAL GYMNASTICS.

Substituted for regular class work on advice of the College Physician and Physical Director.

First semester (2), second semester (2).

101-102. ADVANCED MODERN DANCING.

First semester (1), second semester (1).

103. METHODS.

Methods and principles of teaching health education, health service, and physical education in the elementary grades. Open to juniors and seniors. First semester (2).

104. PLAYS AND GAMES.

A study of games and folk dances which will be found practical in social service and playground work, also for recreational leaders in summer camps. Open to juniors and seniors. Recommended for students of elementary education. Second semester (2).

106. PHYSICAL EDUCATION. Given in alternate years; offered 1942-1943.

Methods and technique of teaching physical education. One hour of theory and two hours of practice in coaching and officiating in sports.

Given each year provided three or more sign for the course. Second semester (2).

107-108. RECREATIONAL LEADERSHIP.

A survey course to train young people in the methods of group leadership and the practical application of these; of value to camp counsellors and social service leaders.

The course is prepared to train persons to serve the following groups:

- a. Men in Service
- b. Groups of all ages in concentrated areas.
- c. Children in shelters or as evacuees.

There will be two lectures and a two-hour laboratory.

First semester (3), second semester (3). Given every other year.

Note: Courses 103, 104, 106, 107-108 carry credit towards the 120 hours necessary for graduation.

Physical Sciences

EARL K. WALLACE, Ph.D., Professor

A. W. SCHOLL, Ph.D., Assistant Professor

JEAN W. BISHOP, A.B., Laboratory Assistant

Astronomy

1-2. **DESCRIPTIVE ASTRONOMY.** An elementary course dealing with the study of the solar and stellar systems. The work includes the development of astronomy as well as the methods by which astronomical facts are ascertained. The laboratory periods will be spent in solving astronomical problems, in making telescopic observations, in studying charts and photographs. Two lectures, one recitation and one two-hour laboratory period a week. First semester (3), second semester (3). Given in cooperation with Buhl Planetarium and Institute of Popular Science. Omitted 1943-1944.

Astronomy 1-2 fulfills the science requirement.

Chemistry

Students majoring in chemistry will take Chemistry 1, 2, 3, 4, 105, 106, 111, and 112 together with courses from other departments in fulfillment of the general requirements for graduation. Additional required courses are dependent on the particular field which the candidate wishes to enter. They are as follows:

- (a) Graduate study: Chemistry 107, 109, 110, courses in physics, biology, mathematics 1, 2, 5, and 6, German and French.
- (b) Industrial laboratory work: Chemistry 107, 108, 109, 110, physics, and mathematics.
- (c) Health and medical laboratory work: Chemistry 107, 108, biology 1-2, bacteriology, and histology.
- (d) Chemical library and secretarial work: mathematics, economics, English composition and literature, history, German, French, shorthand and typewriting.

1-2. **INORGANIC CHEMISTRY.** The fundamental chemical principles and theories in conjunction with the study of metallic and non-metallic elements and their compounds.

The laboratory groups are divided into two sections: one section for students who are beginning the study of chemistry, and the other for students who have had a course in chemistry in preparatory school. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3). Second semester (3). MR. WALLACE.

Chemistry 1-2 fulfills the science requirement.

3. **QUALITATIVE ANALYSIS.** A comprehensive study of theory and laboratory practice involving the separation and identification of basic and acidic ions and radicals, by the semimicro technique. Theory includes solutions, mass action, electrolytic dissociation, chemical equilibria, and oxidation-reduction reactions. Prerequisite: Chemistry 2. Two lectures, one recitation, and six hours of laboratory work per week. First semester (4). MR. SCHOLL, MRS. BISHOP.

4. **QUANTITATIVE ANALYSIS.** The theory and practice of gravimetric and volumetric analysis. The principles, errors, applications, and representative problems for precipitation, acidimetry, alkalimetry and oxidation-reduction determinations will be studied. Prerequisite: Chemistry 3. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. SCHOLL, MRS. BISHOP.

105. **ORGANIC CHEMISTRY.** A brief study of the preparations, reactions, and properties of the classes of aliphatic and aromatic compounds. Laboratory work: preparations and tests of organic compounds. Prerequisite: Chemistry 1-2. Two lectures, one recitation, and five hours of laboratory work. First semester (4). MR. WALLACE.

106. **ORGANIC CHEMISTRY.** Extensive comparison and contrast between aliphatic and aromatic compounds. Laboratory work: organic preparations and qualitative analysis of organic compounds and mixtures. Prerequisite: Chemistry 105. Two lectures, one recitation, and five hours of laboratory work. Second semester (4). MR. WALLACE.

107. **ADVANCED QUANTITATIVE ANALYSIS.** Chemistry of foods and food products. Analyses, by standard methods, of carbohydrates, fats, proteins, etc., in raw and manufactured products. Prerequisite: Chemistry 4 and Chemistry 106. Two lectures, and eight hours of laboratory work. First semester (4). MR. WALLACE.

108. **BIOCHEMISTRY.** The chemistry of foodstuffs relative to body metabolism and requirements for normal nutrition. Experimental study of carbohydrates, fats, proteins, and of animal metabolism including the analysis of body fluids, tissues, and catabolic products. Prerequisite: Chemistry 4 and 106. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. WALLACE.

109-110. **PHYSICAL CHEMISTRY.** A study of properties of gases, liquids, solids, and solutions; thermochemistry; chemical kinetics; electrical conductance; and atomic theory. Prerequisite: Chemistry 4. —Calculus advised. Two lectures, one recitation, and six hours of laboratory work. First semester (4), second semester (4). MR. SCHOLL, MRS. BISHOP.

111-112. **CHEMISTRY SEMINAR.** Discussion of topics of interest in physical science. Required of juniors and seniors majoring in chemistry. Open to any student who has completed Chemistry 3-4 or 105-106. A part of the time is utilized in preparing for the senior comprehensive in chemistry. One hour a week. First semester (1), second semester (1). **CHEMISTRY AND PHYSICS FACULTY.**

Majors in Dietetics may take Chemistry 4 after completing Chemistry 2, and Chemistry 108 after completing Chemistry 4 and Chemistry 105.

Geology and Geography

1. **FUNDAMENTALS OF GEOLOGY.** A study of earth materials and processes acting on the atmosphere, hydrosphere, and the lithosphere. Two lectures, one recitation, and one two-hour laboratory period or field trip a week. First semester (3). Given in alternate years; offered 1944-1945.

2. **FUNDAMENTALS OF GEOGRAPHY.** A study of earth materials and processes, including the relation of man to his natural environment. Two lectures, one recitation, and one two-hour laboratory period each week. Second semester (3). Given in alternate years; offered 1944-1945. Geology 1 and Geography 2 constitute a year's course in fulfillment of the science requirement.

Physics

1-2. **DESCRIPTIVE PHYSICS.** A broad general course for those who do not intend to major in one of the sciences. Applications to everyday life are emphasized. Two lectures, one recitation, and one two-hour laboratory period a week. First semester (3), second semester (3). Physics 1-2 fulfills the science requirement. **MR. SCHOLL.**

3-4. **GENERAL PHYSICS.** Principles and applications of mechanics, sound, heat, electricity, magnetism and light; introduction to modern physics. Chemistry majors and nursing education students electing physics will take this course. Two lectures, one recitation, one problem class, and one three-hour laboratory period a week. First semester (4), second semester (4). **MR. SCHOLL.**

FOR INTERDEPARTMENTAL MAJOR and PRE-MEDICAL MAJOR see p. 31.

Political Science (See History)

Psychology

DOROTHY M. ANDREW, Ph.D., Assistant Professor

Students majoring in Psychology are expected to take the following sequence of courses:

Psychology: Courses 1, 101, 102, 103, 104, 105, 106, 107, 108.

Educational Tests and Measurements (Education 102).

Statistics (Mathematics 3).

1. **GENERAL PSYCHOLOGY.** A general introduction to the study of human behavior;—nervous system, drives, learning, attention, personality, intelligence, and abnormal behavior. Prerequisite to all courses in the department. Open to sophomores, juniors, and seniors. First semester (3).

2. **EDUCATIONAL PSYCHOLOGY.** Contributions of psychology to education; statistical techniques, basic principles of measurement; interest, attitude, aptitude, achievement, personality measurement; learning, motivation; importance of individual differences, the intellectually gifted, the sub-normal, and the maladjusted child. Open to sophomores, juniors, and seniors. Prerequisite: Psychology 1. Second semester (3).

101. **CHILD PSYCHOLOGY.** Growth and development of motor abilities, emotions, intelligence, language, and social behavior; special emphasis upon problems of adjustment. Prerequisite; Psychology 1. First semester (3).

102. **ABNORMAL PSYCHOLOGY.** History of abnormal psychology and of the mental hygiene movement; causes, symptoms, and treatment of the major organic and functional mental disorders, and of the neuroses; therapy—medical, psychoanalytic, and occupational. Prerequisite: Psychology 1. Second semester (3).

103. **PSYCHOLOGY IN PERSONNEL WORK.** General aspects of personnel and guidance procedure. Selection and placement. An evaluation of techniques available to vocational counsellors and employment managers; special ability and proficiency tests, rating scales, interest, attitude, and personality scales; the interview and letters of application. Occupational trends, the occupational hierarchy, and requirements for success. A consideration of labor turnover, wages, and incentives. Factors to be considered in choosing a vocation. Prerequisite: Psychology 1. First semester (3).

104. **SOCIAL PSYCHOLOGY.** A study of relationships arising from interacting individuals; inherited traits and maturation, drive, attitudes, habit, imitation, suggestion, suggestibility, and propaganda; psychology

of leadership, of juvenile delinquency, and the importance of age and sex factors in social adjustment. Prerequisite: Psychology 1. Second semester (3).

105-106. SEMINAR IN PSYCHOLOGY. Readings and discussion of systematic psychology, with emphasis on preparation for graduate work in psychology and related fields. In addition, each student will study clinical psychology and the administration of individual mental tests. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

107-108. EXPERIMENTAL PSYCHOLOGY. Applications of experimental method in psychology. Original investigations. Laboratory fee. Prerequisite: nine credits in psychology and permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1943-1944.

109-110. A COORDINATING COURSE in preparation for the senior comprehensive in psychology. First semester (1), second semester (1).

Religious Education

N. R. HIGH MOOR, M.A., D.D., Lecturer

1. RELIGION. The history of the birth and life and death of the Hebrew Commonwealth. A reviewing of the thought and customs of the contemporaries of the Hebrew; the study of an analyzation of the philosophical, sociological, and economic forces at work within the Hebrew Commonwealth; a noting of the part that legend, tradition, and great historic characters played in the formation and life of the Hebrews. First semester (3). Given in alternate years; offered 1944-1945.

2. RELIGION. A study and interpretation of the Life of Jesus; His creative and progressive influence on society. Second semester (3). Given in alternate years; offered 1944-1945.

3. RELIGION. A study in the practical application of religion to the meeting and solving of problems, individual and social, that affect us. Also, a study of the religious trend and emphasis in modern essays, poetry, writings, and editorials. First semester (3). Given in alternate years; offered 1943-1944.

4. RELIGION. The study of hymns, orations, and stories in Biblical literature, with a view, not only to the appreciation of their literary merit, but for the underlying message and its historical background and its significance in the light of modern problems. Second semester (3). Given in alternate years; offered 1943-1944.

Secretarial Studies

HANNA GUNDERMAN, M.Ed., Assistant Professor

MARY K. BRECHT, A.B., Instructor

LILLIAN McFETRIDGE, A.B., Instructor

Students planning to enter the secretarial field are advised to elect courses in English composition, economics, general psychology, and statistics.

1-2. **TYPEWRITING.** Instruction given in the technique of operating the typewriter and in the development of speed and accuracy. Arrangement of business letters, tabulations, manuscripts, office forms, and mimeographing. Course open to students desiring to prepare for secretarial work using their liberal arts training as a background and also to those desiring a working knowledge of typewriting for personal needs. Meets three hours a week. First semester (1), second semester (1). No credit unless taken in conjunction with Short-hand 101-102. MRS. BRECHT.

Section A: Open only to students who have had no previous instruction in typewriting.

Section B: Prerequisite: Meet requirements of Typewriting I.

3-4. **ELEMENTARY ACCOUNTING.** A study of the basic principles and practices of accounting procedure as they apply to modern business practice, including the theory of double-entry bookkeeping; simple balance sheets and income statements, controlling accounts, and various accounting records. Through the solving of problems and the keeping of practice sets, students apply the principles studied. First semester (3), second semester (3). MISS McFETRIDGE.

101-102. **SHORTHAND.** An intensive course in the mastery of the principles of Gregg shorthand. Students who register for Shorthand 101-102 must also register for Typewriting 1-2 unless they have had this course or its equivalent. Meets three hours a week. Open only to juniors and seniors. First semester (2), second semester (2). MRS. BRECHT.

103-104. **STENOGRAPHY AND OFFICE PRACTICE.** Advanced dictation and transcription. Study and practice in the varied duties of a secretary, instruction and practice in the use of office equipment such as the mimeograph, dictaphone, etc. Filing, indexing, handling of general correspondence. Six hours recitation weekly. Prerequisites: Shorthand 101-102 and Typewriting 1-2, or their equivalents. First semester (3), second semester (3). MRS. BRECHT.

Sociology and Economics

EDWARD W. MONTGOMERY, Ph.D., Professor

DOROTHY A. SHIELDS, Ph.D., Assistant Professor

The minimum requirements for a major in sociology and economics are: twenty-four semester hours in sociology and economics, which shall include Sociology 1-2, Economics 1-2, and Sociology 109; three semester hours in either political science or psychology; and three semester hours in statistics.

Sociology 1-2 and Economics 1-2, or the consent of the instructor, are prerequisites for all other courses in the Department.

Sociology

1. **PRINCIPLES OF SOCIOLOGY.** The purpose of this course is to introduce the student to the idea of a scientific study of social phenomena, to familiarize her with the more important sociological concepts, and to describe the more important characteristics of contemporary society. First semester (3). MR. MONTGOMERY.

2. **SOCIAL PROBLEMS.** An analysis of contemporary social problems from the points of view of extent and importance, causes, and possibilities of correction. Second semester (3). MR. MONTGOMERY.

101. **POPULATION PROBLEMS.** Early population theories and practices; factors affecting the rate of growth and density of population; population trends; consequences of differential rates of growth; racial composition of the United States and other countries. World population and world markets; food supply; resources; population policies of various countries. First semester (3). Given in alternate years; offered 1944-1945.

102. **CHILD WELFARE.** A study of the problems of needy children—dependency, neglect, physical and mental handicaps, behavior and personality problems, and child labor—with particular emphasis on contemporary child welfare programs. Second semester (3). Given in alternate years; offered 1944-1945.

103. **THE CITY.** This course covers such topics as the rise of modern cities, the ecology of the modern city, urban institutions and social organization, social disorganization, and personality adjustment in the modern city. First semester (3). Given in alternate years; offered 1943-1944. MR. MONTGOMERY.

104. **POVERTY.** A study of the extent, causes, and consequences of poverty, and an analysis of social work and of various proposals for

social reform as methods of dealing with the problems of poverty. Second semester (3). Given in alternate years; offered 1943-1944. MR. MONTGOMERY.

105. THE FAMILY. Forms and functions of the family in different societies. Social, economic, and other factors affecting family relationships, with particular reference to contemporary trends and problems. First semester (3). MR. MONTGOMERY.

106. CRIME AND ITS SOCIAL TREATMENT. A study of juvenile and adult delinquency, police and court systems, penal and reformatory institutions, probation and parole, and methods of preventing delinquency. Second semester (3). Given in alternate years; offered 1943-1944. MR. MONTGOMERY.

108. SOCIAL CONTROL. A study of mores, religion, propaganda, advertising, education, and other devices out of which uniformities in behavior and thinking develop and by means of which conformity to social codes is secured. Second semester (3). Given in alternate years; offered 1944-1945.

109. SOCIOLOGY SEMINAR. Consideration of contemporary social thought with particular reference to the interrelationships of the several fields of sociology and of the relationship of sociology to other disciplines. Second semester (3). MR. MONTGOMERY AND MISS SHIELDS.

110. SOCIAL LEGISLATION. A comparative study of social legislation in Europe and the United States, particularly in regard to relief, social security, minimum wages, and public works. Second semester (3). Given in alternate years; offered 1943-1944. MISS SHIELDS.

Economics

1-2. ELEMENTARY ECONOMICS. A study of the development and characteristics of economic production and an analysis of demand, supply, price, money, banking, foreign exchanges and tariffs. A study of the distribution of wealth and income, methods of economic regulation and control, and problems of social reorganization. First semester (3), second semester (3). MISS SHIELDS.

4. THE CONSUMER IN MODERN SOCIETY. This course is built on the practical need for preparing students to become intelligent consumers. Appreciation and mastery of the technique of making wise choices are emphasized through study and analysis of consumers' problems. Second semester (3). Given in alternate years; offered 1943-1944. MISS SHIELDS.

101. LABOR PROBLEMS. An analysis of the relations of workers with one another, with employers and with the State. A study of labor organizations, personnel work, and labor legislation. First semester (3). MISS SHIELDS.

Spanish Language and Literature

RUTH E. STAPLES, A.M., Instructor

The requirements for students majoring in a modern language are stated in connection with the requirements of the French Department.

1-2. ELEMENTARY SPANISH. Study of the fundamentals of grammar. Reading of easy texts dealing with Hispanic civilization. Conversation based upon texts read. Open to students who have had no Spanish, or one year of high school Spanish. First semester (3), second semester (3).

3-4. INTERMEDIATE SPANISH. Readings in modern Spanish and Spanish-American literature, particularly representative short stories and novels. Study of syntax, composition, and conversation. Open to students who have presented two or three units of Spanish at entrance or who have taken Spanish 1-2 or its equivalent. First semester (3), second semester (3).

107-108. HISTORY OF SPANISH LITERATURE FROM THE ORIGINS THROUGH THE GOLDEN AGE. Critical study of Cervantes, Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and the Picaresque novel. Collateral readings and reports. Prerequisite: Spanish 3-4 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

109-110. HISTORY OF SPANISH LITERATURE FROM THE GOLDEN AGE TO THE PRESENT TIME. Literary and social aspects of the different periods. Critical study of the modern novel and drama. Collateral readings and reports. First semester (3), second semester (3). Prerequisite: Spanish 3-4 or its equivalent. Given in alternate years; offered 1943-1944.

Speech

MARGARET ROBB, Ph.D., Associate Professor
*CARROLL C. ARNOLD, Ph.D. }
GEORGE B. KIMBERLY } Instructors
†DOROTHY BARNES, A.B. }

Students majoring in the Speech Department will be expected to take in

Speech: A minimum of twenty-four semester hours exclusive of Speech 1-2, and including Speech 3-4 and 107-108.

Other Fields: Two year courses in English literature, and Physical Education 17-18 or 19-20 and 101-102.

1-2. FUNDAMENTALS OF SPEECH. A general introductory course including the re-education of speech habits; improvement of everyday speech; practice in public speaking; interpretation of different forms of literature; and the study of phonetics. Required of all students in the Lower Division who have not passed the achievement test. First semester (3), second semester (3). MISS ROBB, MR. ARNOLD.

3-4. ORAL INTERPRETATION OF LITERATURE. The objective of this course is an understanding and appreciation of literature through reading it aloud. It includes the interpretation of various forms of literature: poetry, prose, and the drama. Prerequisite or co-requisite: Speech 1-2. First semester (3), second semester (3). MISS ROBB.

5-6. PUBLIC DISCUSSION. The study of clear, orderly, and logical presentation of ideas; practice in extemporaneous speaking and various forms of discussion and debate. Students who have completed this course may register for the second semester of a following year, with a three hour credit. Prerequisite: Speech 1-2. First semester (3), second semester (3). MR. ARNOLD.

7. RADIO BROADCASTING. A survey of the past, present position, and future possibilities of radio as a medium of education, entertainment, and salesmanship; experimentation with techniques in present use; special problems in program planning and production. Prerequisite: Speech 1-2. First semester (3). MR. ARNOLD.

8. RADIO WORKSHOP. Experimentation in planning, writing, and producing a variety of program types; intensive study of radio talks, announcing, interpretation of literature, and acting. Prerequisite: Speech 1-2. Second semester (3). MR. ARNOLD.

*On military leave, second semester.

†Substituting for Mr. Arnold.

9-10. CHORAL SPEAKING. Practice in group reading with emphasis upon improvement of vocal techniques. First semester (1), second semester (1). MISS ROBB.

101-102. STAGECRAFT. A lecture and laboratory course in designing and executing stage scenery. First semester (2), second semester (2). MR. KIMBERLY.

103-104. ACTING AND COSTUMING. A study of drama and its presentation on the stage; practice in acting, costume design, and make-up. First semester (2), second semester (2). MISS ROBB.

105-106. CHILDREN'S LITERATURE. A study of the different types of traditional and modern literature for children; practice in story-telling and creative dramatics. Prerequisite: Speech 1-2. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

107-108. SPEECH CORRECTION. A study of the symptoms, etiology, and therapy of all minor speech and voice defects and disorders. Clinical demonstrations. Prerequisite: Speech 1-2. First semester (2), second semester (2). Offered 1943-1944. MR. ARNOLD.

Note: Students may elect (except with special permission) only one of the following courses in any one year:

Chorus

Instrumental Ensemble

Choral Speaking

War Courses

These courses have been introduced in order to give students at Pennsylvania College for Women opportunity to acquire information in basic subjects which will be useful to them if they later decide to enlist in naval or military service, or to work in a war industry.

W-1. CELESTIAL NAVIGATION. Star identification, celestial motions, celestial and terrestrial coordinate systems, time, use of almanacs and tables, practice in determining the "Fix" by using the Ageton Method. First semester (3).

In cooperation with the Buhl Planetarium.

W-2. METEOROLOGY. Fundamentals of meteorology, instruments and apparatus, cloud types, air mass theory, U. S. Weather Bureau codes, weather maps. Second semester (3).

In cooperation with the Buhl Foundation.

W-3-4. ENGINEERING DRAFTING. To train persons having had two years of high school mathematics for positions as junior draftsmen. Theory and practice on the applied principles of orthographic and auxiliary projection, sectioning and the development of detail and assembly drawings. Study of correct practices in lettering, dimensioning and freehand drawing; theory and practice in single and double projection, intersections and developments of surfaces and the layout of mechanical assembly and detail drawings. First semester (3), second semester (3).

W-5. RADIO AND COMMUNICATIONS. A study of current electricity as applied to radio and telephone. Laboratory work with characteristic radio equipment and circuits. The types, construction, function, and applications of condensers, coils, resistors, and tubes are considered in detail. The construction of a simple radio receiver is required. Three lectures and one two-hour laboratory period. First semester (3).

W-7. WARTIME REFRESHER IN FUNDAMENTAL MATHEMATICS. The processes of arithmetic, algebra and plane geometry are summarized and applied to actual military, naval and shop problems. The course gives the practical preparation needed for war industry jobs,

the army, navy or air service and is based on a text written by navy instructors. First semester (2).

W-101, W-102. GEOGRAPHICAL SURVEY AND REGIONAL ANALYSIS OF EUROPE. Physical aspect, map study, economic development, resources, transportation, export, import, political, educational, and religious institutions, population, customs of the people, refugees, emigration. Course open to students interested in the post-war rehabilitation and reconstruction program. First semester (2), second semester (2).

Regular courses in European History, Economics and Languages are recommended.

General Information

Location

THE College is situated on Woodland Road in the residential part of Pittsburgh, near the East Liberty and Squirrel Hill districts. Trains from the east stop at the East Liberty station which is approximately a mile and a half from the college. Students arriving from the west come into the Pennsylvania station, the Pittsburgh and Lake Erie, or the Baltimore and Ohio, all of which are in the downtown part of the city. A taxicab makes the trip to the college in about twenty minutes.

Buildings

BERRY HALL, the administration building, was acquired as a part of the property when the College was founded. It was then a dignified and spacious family residence. It has been remodeled and much enlarged to fit it for college purposes. Its wide central staircase and hall, high ceilings, and fine old woodwork create an atmosphere of gracious and homelike individuality which the College desires to maintain.

WOODLAND HALL, a modern, fireproof dormitory, well furnished, attractive and comfortable—housing 100 students—is situated on the crest of the campus, surrounded by trees and overlooking the amphitheatre. Additional dormitory space is provided in Stony Corners and Broadview, two houses adjoining the campus, which accommodate twenty-five students.

JAMES LAUGHLIN MEMORIAL LIBRARY was opened in January 1932, and provides ample accommodations for faculty and student needs. The book stacks are open to the students who have free access to the 25,000 volumes in the library. During the academic year the library is open from eight to half past five, and also from seven to ten in the evening, every day in the week except Friday and Saturday. It is open from eight to three on Saturday and from two to five on Sunday.

LOUISE C. BUHL HALL OF SCIENCE, completed in January 1931, houses the departments of botany, zoology, chemistry, physics, and psychology. Each department has laboratories, preparation rooms, offices, and lecture rooms. It contains a large science library and seminar room. The equipment throughout is the most modern and complete obtainable.

Since January, 1941, approximately 1,800 men and women have been trained in the laboratories of Buhl Hall in the fundamentals of

chemical techniques. These courses, designed to prepare workers for participation in war industry, have been sponsored by the government Engineering Science and Management War Training program.

ANDREW MELLON HALL was given to the College by Mr. Paul Mellon in July, 1940, and was first occupied by the College in December of that year. It is a dignified and beautiful mansion containing approximately thirty rooms, a thoroughly equipped swimming pool of the regulation size, bowling alleys, a recreation room and student social centers. Here also are rooms for the classes in Home Economics, the Alumnae Association, the Faculty Club, and various college organizations. A limited number of resident students have rooms in this hall.

DILWORTH HALL, one of the oldest buildings, has classrooms and the assembly hall.

THE GYMNASIUM is fitted with the most approved modern apparatus.

ART CENTER. A building on the Mellon Estate has been remodelled and thoroughly equipped to serve the departments of music, art, and modern dancing. On the first floor there is a recital hall with a seating capacity of 200, suitable for small recitals and for classes in modern dance, an art studio, a piano studio, and theory room. On the second floor are voice and violin studios and practice rooms.

THE PRESIDENT'S HOME, adjacent to Woodland Hall, plays a large part in the social life of the students.

THE COLLEGE has recently acquired an astronomical telescope built by the late Dr. John Brashear. The instrument is a six-inch refractor, and is equipped with clockwork drive as well as the usual manual controls. This mechanism allows the continuous observation of planets and stars in their diurnal motion. In addition, a system of mirrors for photographic work is part of the equipment. The complete assembly was designed and built by one of the recognized masters of fine instrument construction; it is a valuable addition to the equipment of the science department.

Residence

Life in the dormitories is an essential part of the College educational program, for it is here that the students have opportunity to practise the art of living together. Residents of the dormitories are responsible

for establishing and maintaining satisfactory social conditions in the house. They elect their own officers who cooperate with the resident hostesses and with the administration in the promotion of their academic and social interests.

In Woodland Hall the drawing rooms, the sun parlor, the large verandas, the dining room with small tables and well-served meals, are part of the atmosphere of a large home.

Rooms in Woodland Hall are reserved in the order in which application for them is received. The rooms in Andrew Mellon Hall are reserved for upper classmen. All returning students must pay a room reservation fee of \$10.00 by May 15. Room reservation fees for students who do not return will be refunded only if the college is notified by August 15 of their intention to withdraw. The fee is credited for all returning students on the second semester's bill.

Residence in the dormitories is required of all students who do not live at home. Any exception to this regulation must be granted by the Dean.

Each student may have ten nights a semester away from the dormitories. It is expected that these will be taken over weekends unless special permission has been granted by the Dean.

Health

The health of students is carefully supervised. Medical and physical examinations are required at the opening of the college year of all entering students and sophomores. These examinations are given by the staff of the Physical Education Department and the college physician, assisted by the college nurse. The college physician is called in case of illness on the part of students, unless the parents have expressed a preference for their family physician.

The resident trained nurse has charge of all cases of illness except those of a serious or prolonged nature which require the services of a private nurse. The College is so situated in Pittsburgh that the best medical attention is always available.

THE INFIRMARY, which occupies a wing on the ground floor of Woodland Hall, has been enlarged and refurnished through the generosity of the Alumnae Gift Fund. New and modern equipment has been provided for the patients' rooms, doctor's offices and nurse's quarters, and provision has been made for the isolation of infectious cases.

Religious Life

The College has from the beginning been Christian in its ideals. Originally a Presbyterian college, it is now non-denominational and welcomes students of every faith.

Students in residence are expected to attend the church of their choice and the occasional vesper services held at the College on Sunday evening.

Chapel services are held regularly during the week with the Thursday morning assembly in charge of the Student Government Association. A limited number of absences from these exercises is permitted.

The Y.W.C.A. has an active place in the life of the students. The association is fundamentally a religious organization, with activities and interests so varied as to appeal to every student. The association cooperates with welfare agencies in the city and contributes to philanthropic and missionary work at home and abroad. Delegates are sent to intercollegiate conferences and an active part is taken in all work looking toward the strengthening of the religious forces of the college life. A chapel service each week is planned and conducted by the Y.W.C.A.

Social Life

The College emphasizes social life as an essential part of a liberal education. It makes full provision for varied social activities ranging from formal receptions to the most informal of class entertainments. A number of dances, teas, and other social functions are held during the year. Hospitality is extended to both men and women students from neighboring colleges and universities. Resident and non-resident students share alike in the social life of the College. All social activities have of course been greatly simplified during the war.

Freshman Week

All freshmen are requested to register at the College on Monday morning, September 27. Monday and Tuesday will be given over to placement tests and to brief talks by the President, Dean, Librarian, and student officers to acquaint them with P. C. W. traditions and ideals. Opportunity will also be given during these days for informal social gatherings with both faculty and students. It is hoped that with this introduction to the college year the necessary adjustments will be made more easily, and the student will soon feel herself a responsible member of the student body.

Student Organizations

The student body is organized into the Student Government Association, membership in which is automatic upon matriculation. The discipline of the College is largely in the hands of this organization. It is governed by the Student Government Board whose members are elected by the student body. The Board is represented on the Faculty-Student Council, which meets to consider questions relating to college activities and policies.

The student Y.W.C.A. is an active association whose work is described under "Religious Life."

The Athletic Association, of which every girl in College is a member, offers advantages to all students. Field hockey, archery, rifle, horseback riding, golf, volleyball, basketball, tennis, track, baseball, badminton, ping-pong, swimming and bowling are offered. Good sportsmanship and "a game for every girl" are the aims of the association. Awards are made at the end of the college year for outstanding achievement in athletics.

The Student Activities Council, organized to take the place of departmental clubs, acts as a clearing house for all student activities. It also promotes social and educational projects in which all members of the student body may participate. It is composed of the presidents of Student Government, Athletic Association, Young Women's Christian Association, Woodland Hall, and of the four classes. Included also in the Council are the First Vice-President of Student Government, Second Vice-President of Student Government, Social Chairman of YWCA, *Arrow* Editors, two members at large, and the Dean and two faculty members. Among the projects of the Student Activities Council for the year 1942-1943 were a Circus, the proceeds of which were given to the United War Fund; discussion groups; and an inter-class play contest held in the spring of the year.

The Glee Club and the Instrumental Ensemble are student organizations whose activities are described under the work of the Music Department.

There are two student publications: *The Pennsylvanian*, published biennially, a pictorial and literary summary of student activities and student life; and *The Arrow*, published monthly, which combines the features of a newspaper and a literary magazine. All students may contribute to *The Arrow*, and students in the class in journalism consider it a laboratory for practical work in the journalistic field.

Lecture Program

The college provides a special lecture series each year and invites men and women of national and international importance to speak. These speakers are frequently entertained at the college, when both students and faculty have an opportunity to meet them informally. Guests are welcome at these lectures. The program for the year 1942-43 included the following:

DR. GEORGE ARTHUR BUTTRICK, Madison Avenue Presbyterian Church, New York City

MR. LEO J. MARTOLIN, Ace Correspondent.

MR. WILBER IRVIN NEWSTETTER, Dean of the School of Applied Social Sciences, University of Pittsburgh

DR. GLYNDON GARLOCK VAN DEUSEN, Professor of History, University of Rochester

DR. RALPH W. SOCKMAN, Christ Church, New York City

DR. CLAIR B. GAHAGEN, Third Presbyterian Church, Pittsburgh

MR. ROBERT LEE HUMBER, Author of the Pennsylvania Resolution on World Federation

MR. CLEMENT WOOD, Poet and Lecturer

DR. HENRY SMITH LEIPER, Executive Secretary of the Universal Christian Council

REV. C. J. L. BATES, Shadyside Presbyterian Church, Pittsburgh

MRS. CLARENCE DICKINSON, Lecturer on History of Art, Union Theological Seminary

MR. ROBERT P. TRISTRAM COFFIN, American Poet

Vocational Guidance

The College gives careful attention to vocational guidance. Students may avail themselves of vocational interest tests early in their college course, and guidance is given them in the selection of courses to provide the proper background for specialized work. Speakers representing various professional fields are secured and conferences with vocational experts are provided.

The Dean's Office gives graduates every assistance in securing placement. Students are given an opportunity to indicate their employment preferences, and constant effort is made to refer qualified students to prospective employers. This office also attempts to maintain contact with graduates who are already placed and to learn from

them of openings which other students might fill. The placement service is rendered without charge and is available to each student and graduate as long as she is seeking placement.

A bulletin entitled "Careers of Distinction" is issued by the college. It gives information concerning the preparation necessary for some fifty occupations which are open to women, and also shows how liberal arts training may be planned at Pennsylvania College for Women to form a background for subsequent careers.

Teacher Placement Service

Attention of graduates is called to the Placement Service, Teacher Bureau, of the Department of Public Instruction. No enrollment fee is required and no charge is made for any service rendered by the bureau. Blank forms for enrollment and circulars containing full particulars with regard to the work of the bureau may be obtained by addressing the Assistant Director, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania.

The College endeavors to assist in locating available positions for those members of the graduating class who receive the teaching certificate. The head of the department of education each year visits the leading high schools of Allegheny and adjoining counties to learn of possible vacancies in the schools.

Alumnae contemplating a change in teaching positions, who wish the help of the College, are asked to communicate with the department of education. All those knowing of teaching vacancies will render the College a service by sending in a notice of such vacancies.

Adjustment Institute of Pittsburgh

The Adjustment Institute of Pittsburgh is an association of specialists and administrators representing Pittsburgh colleges and universities, public and parish schools, medical, personnel and child guidance groups. It is concerned with research, demonstration and publication, in the field of mental-emotional personality adjustment and allied education.

Research is under way in medicine, psychiatry, psychology, sociology and employment, with demonstration in one of the large city high schools, and in industry. The Institute is under grant from the Carnegie Corporation of New York and subsidies from the University of Pittsburgh and Pennsylvania College for Women, administered by this College.

Scholarships and Loans

Applications for scholarships, loans or service scholarships, as well as permission to take the competitive examinations for the freshman scholarships should be made to the Dean of the College.

COMPETITIVE SCHOLARSHIPS FOR FRESHMEN

A limited number of competitive scholarships will be awarded to freshmen entering Pennsylvania College for Women in September, 1943. Awards will be based on an examination to be given in the spring, on the school record, and on the personal qualifications of the candidate. The scholarships range in value from \$50 to \$165 for day students, and from \$50 to \$330 for resident students, depending on the financial need. The continuance of the scholarship beyond the freshman year depends upon the academic standing of the student and her financial need.

A personal interview is necessary in all cases before the scholarship is finally assigned. This interview should take place at the college whenever possible.

Applications for taking the examination must be filed in the Dean's office.

SERVICE SCHOLARSHIPS

A limited number of service scholarships are available to deserving and industrious students from any of the four classes in college. The obligations connected with these scholarships consist mainly of assisting in the library and laboratories, doing clerical work, and serving in the dining hall and cafeteria.

OTHER SCHOLARSHIPS

A limited number of endowed scholarships and scholarships contributed by individuals and groups are open to outstanding students of the three upper classes. These scholarships are awarded on the basis of academic standing, character, and financial need. In addition, a considerable sum for student-aid is appropriated by the College from its current income.

A few competitive scholarships are available in applied music. Examinations for these will be given in the spring or early in the first semester. Under this plan, scholarships are available for both class lessons and private lessons in applied music.

The College offers a scholarship at the Marine Biological Laboratory at Woods Hole, Massachusetts. This scholarship covers the

cost of tuition for work done in the laboratory and is given to a student in the Biology Department who has done outstanding work.

Mu Sigma Chi offers two small scholarships each year to students majoring in the fields of Chemistry and Biology.

In addition to these scholarships the following have been established:

THE STUDENT GOVERNMENT ASSOCIATION offers two scholarships of \$150 each as a memorial to the late Cora Helen Coolidge, for many years president of the College.

THE HELEN E. PELLETREAU SCHOLARSHIP FUND is a fund which has been raised by the Alumnae to establish a scholarship in honor of Miss Helen E. Pelletreau, for many years president of the College. At the present time four or five students each year receive scholarships from this fund. The fund has not yet been made up to the full amount necessary and contributions to it are earnestly solicited. They should be sent to Miss Edna M. Reitz, 912 East End Avenue, Pittsburgh. The scholarships are awarded for one year by the Scholarship Committee of the Alumnae Association.

THE MARY HAWES NEVIN SCHOLARSHIP fulfills a wish expressed by the late Mary Hawes Nevin, an alumna of the class of 1896. Her family gave a sum of \$6,000 to establish a scholarship to bear her name.

THE COLLOQUIUM CLUB SCHOLARSHIPS were established in 1919 by the Colloquium Club of Pittsburgh to promote and maintain the interest of the club in the growth of the College. The scholarships are awarded on recommendation of the Scholarship Committee of the club. Four scholarships of \$100 each are given every year.

THE PITTSBURGH FEMALE COLLEGE ASSOCIATION MEMORIAL SCHOLARSHIP was established as a perpetual memorial to the Pittsburgh Female College Association, and is to be given each year to a member of the junior class of outstanding rank who has also made a real contribution to the college life. This scholarship is awarded without regard for the financial need of the student.

THE MARY ROBBINS MILLER SCHOLARSHIP FUND was given by alumnae and friends of Mrs. Miller, a former Alumna trustee of the College. It provides an annual income which is available for students in any class.

THE CORA HELEN COOLIDGE MEMORIAL SCHOLARSHIP, given by the Pittsburgh Colony of New England Women, is awarded each year to a member of the freshman class. This scholarship is for \$150 and is given to a student for one year only.

ANNA DRAVO PARKIN MEMORIAL HISTORY PRIZE: This annual prize of \$50 is to be awarded at commencement time to a history major in the senior class who has been a student in the college for at least two years, and who has maintained the best standing in the department. The prize is given in memory of Anna Dravo Parkin, a member of the class of 1936, by her grandmother, Mrs. Anna Dravo Parkin.

THE JANE B. CLARK MEMORIAL SCHOLARSHIP: A scholarship fund has been established in the name of Jane B. Clark, a teacher for many years at Pennsylvania College for Women, by a group of alumnae. The income from this fund is awarded annually to deserving students.

THE JANET L. BROWNLEE SCHOLARSHIP: The alumnae of Dilworth Hall have established this scholarship in honor of Miss Janet L. Brownlee, the former principal of Dilworth Hall.

THE FLORENCE KINGSBACHER FRANK SCHOLARSHIP: A scholarship has been provided in memory of Florence Kingsbacher Frank, a graduate of Pennsylvania College for Women in the class of 1913, by her family.

All of these scholarships are awarded subject to the approval of the Dean of the College, and the recipients must meet the College scholarship requirements. With the exception of the Cora Helen Coolidge Memorial Scholarship, all scholarships awarded are continued through the four years if a student maintains the required academic average and shows a continued financial need.

LOANS

Lambda Pi Mu, the Social Service Club of the College, in 1929 established the first College loan fund. This has been increased each year and has been used by many College students.

No interest is charged the student until a year after graduation, when five per cent interest is charged on the unpaid part of the loan.

In the past two years the Alumnae Association, class groups, and regional groups of alumnae have raised loan funds for students. The alumnae of the H. C. Frick Training School for Teachers provide

loans for college seniors at P.C.W. through the Herbert Burnham Davis Memorial Loan Fund which they maintain. These loans bear no interest until one year after the graduation of the class to which the student belongs and are payable at any time after the graduation of the student. If the loan has not been returned at the end of the first year after graduation, interest at the rate of five per cent is charged.

Transcripts

Students in good standing withdrawing before graduation, and graduates, are entitled to one complete statement of their college record without charge. A charge of \$1 will be made for every subsequent copy of such record.

Dismissals

The College reserves the right to exclude at any time a student who does not maintain the required standard of scholarship, or whose continuance in College would be detrimental to her health or to the health of others, or whose conduct is not satisfactory. Students of the latter group may be asked to withdraw even though no specific charge be made against them.

Frick Community Service Summer School

The 18th summer session in social service and guidance will be held at the College from June 26 to July 17, 1943. This school is sponsored by the Henry C. Frick Educational Commission for the public school teachers of the Pittsburgh district. Its purpose is to acquaint them with the economic and social background of their students, and to provide closer cooperation between the school and the social agencies in their efforts to better social conditions in the city. Speakers from local and national social agencies are brought before the group.

Scholarships for this session may be obtained by applying to Miss Mary H. Kolb, Secretary of the Frick Commission, Union Trust Building, Pittsburgh. Pennsylvania College for Women, with accommodations for 100 teachers, is glad to offer the facilities of its campus for a project of such educational importance.

Charges and Expenses

Academic Year 1943-1944

Payment of Expenses

Statements of accounts are mailed to the parent or guardian of the student about ten days before the beginning of each semester. Checks should be made payable to Pennsylvania College for Women and addressed to the Assistant Treasurer.

Payments must be made on or before Registration Day. In no case may a student be admitted to final examinations until all obligations pertaining to that semester have been met in full. No exception will be made without written permission from the President of the College.

A student may be graduated, receive honorable dismissal, or receive a transcript of her college work only after all accounts with the College have been settled.

P.C.W. Monthly Payment Plan. Since some parents prefer to pay tuition and other college fees in equal monthly installments during the year, the College is glad to offer this convenience through the Treasurer of the College. The cost includes a three per cent service charge and a \$5 qualification fee. If the plan of equal monthly installments is preferred, the necessary forms will be sent immediately upon receipt by the College of such notification, which must be made by September 15, 1943.

Charges for students entering College the second semester will be one-half the stated rates for the college year.

Textbooks and students' supplies may be purchased for cash in the bookroom.

Statements of special fees for laboratory and special courses for which a student registers at the opening of college will be mailed about October 1 and statements of incidental charges will be mailed monthly.

In cases in which a scholarship has been awarded, one-half the scholarship will be applied each semester.

The College reserves the right to make any changes in charges which may be made necessary because of war conditions.

Entrance Fees

Application for admission.....	\$10.00
In cases in which a student is carrying six hours or less, the application fee is \$5.00.	

Non-Resident Students

Charges for non-resident students for the year:

Tuition	\$330.00
*Health fee	5.00
Library fee	5.00
Student Activities fee.....	13.00
	\$353.00

Payable:

On or before opening of College in September.....	\$176.50
On or before February 1.....	176.50
	\$353.00

Students carrying nine hours or less will be charged at the rate of \$11 each semester hour scheduled. Students who are permitted to carry more than the normal load of thirty-two hours for the year—exclusive of Physical Education—will be charged on a basis of \$11 per semester hour for excess hours.

Resident Students

Charges for resident students for the year:

Tuition	\$330.00
Board and room.....	525.00
*Health fee	10.00
Library fee	5.00
Student Activities fee.....	13.00
	\$883.00

Payable:

On or before the opening of College in September.....	\$441.50
On or before February 1.....	441.50
	\$883.00

*See Health Fees and Charges.

All returning students must pay a room reservation fee of \$10.00 by May 15. Room reservation fees for students who do not return will be refunded only if the College is notified by August 15 of their intention to withdraw. The fee is credited for all returning students on the second semester's bill.

A charge of \$2 per year is made for the use of a radio.

An extra charge of 25 cents is made for meals sent to rooms.

The College has its own laundry where students may have work done at reasonable rates.

Health Fees and Charges

The health fee covers the required physical examination and any services rendered by the resident nurse in her office.

For resident students, seven days of rest and care in the college infirmary are also included in the health fee. A charge of \$1.50 will be made for each day in excess of seven, plus a 10 cent fee for each meal served while in the infirmary. Charges are made for medicine supplied by the College. When the college physician is called in case of a student's illness, the parent or guardian will receive a statement from the physician.

The College has made further provisions for the health of all students by arranging with the Indemnity Insurance Company of North America for group accident insurance. Details of the plan will be mailed by the insurance company after school opens. This insurance is very reasonable and is recommended to students but is not a requirement.

LABORATORY AND SPECIAL FEES

Semester Charges

Science courses with a two-hour laboratory period each week..	\$ 6.00
Science courses with more than a two-hour laboratory period	
each week	7.50
All foods courses with a three-hour laboratory each week.....	5.00
Child Development	2.00
Experimental Psychology	5.00
Stenography, Typewriting	5.00
Practice Teaching	12.50
Tests and measurements.....	2.00
Visual Education	4.00
Golf	2.50
Rifle Practice	2.50
Swimming class	2.50
Commencement fee, payable by seniors February 1.....	10.00

FEES FOR LESSONS IN APPLIED ART

One lesson a week, per semester.....	\$15.00
Two lessons a week, per semester.....	25.00

MUSIC DEPARTMENT FEES

College Department

Private instruction in piano, organ, voice, violin, per semester:

Two hour lessons a week.....	\$120.00
Two three-quarter hour lessons a week.....	90.00
Two half-hour lessons a week.....	60.00
One three-quarter hour lesson a week.....	45.00
One half-hour lesson a week.....	30.00
Class instruction in applied music.....	15.00
Teacher training in piano.....	12.50
Church choir directing and repertoire.....	12.50

For lessons in other instruments not specified, arrangements may be made with the Chairman of the Department.

Practice Rooms, per semester:

For piano, \$7.50; for organ, \$10.00; for voice, violin, cello, etc., \$5.00.

PRE-COLLEGE DEPARTMENT

(14 years to College Age)

CHILDREN'S DEPARTMENT

(3 years to 14 years)

Private instruction in applied music, per semester:

<i>Lessons per week</i>	<i>Pre-College</i>	<i>Children's</i>
One half-hour lesson.....	\$25.00	\$20.00
One three-quarter hour lesson.....	37.50	30.00
Two half-hour lessons.....	50.00	40.00
Piano class work (classes arranged according to age groups)		6.00

REFUNDS

Provisions by the College for its maintenance are made on a yearly basis; likewise, all college charges are for the full year. No reduction or refund of tuition will be made on account of absence, withdrawal, illness, suspension, dismissal, or for any other reason.

If a student vacates her room in the dormitory before the end of the semester, no refund will be made until the vacancy has been filled by an incoming student. A refund will be made on the amount paid for board at the rate of \$8.00 per week for the balance of the semester following the date of withdrawal.

The date of withdrawal is the date on which the Dean is informed in writing of the fact by the parent or guardian.

Tuition for private lessons in art or music is not subject to return or reduction.

There will be no refund of laboratory fees to a student withdrawing from a laboratory course after the first two weeks of a semester.

Honors and Prizes

Sophomore Honors

Awards announced on Matriculation Day, September 28, 1942, to the ten students of the class of 1944 having the highest academic standing for the first two years.

GLADYS BISTLINE

MARY ELIZABETH BROWN

AIDA DeBELLIS

EVELYN GLICK

BETTY JOHNESCU

PHYLLIS JONES

ANN LOUISE McCLYMONDS

SALLY MEANOR

NANCY JANE RAUP

NANCY STAUFFER

Prizes and Awards 1940-1941

Ann Dravo Parkin Memorial Prize.....EILEEN WESSEL

Athletic Association Award.....BETTY HAZELTINE

Honorable Mention.....MARGARET ANDERSON

Creative Writing Contest Awards, First Prize....JANET McCORMICK

Second Prize.....HELEN SMITH

Honorable Mention.....SUZANNE McLEAN

Prizes Given in Freshman English, First Prizes..{DOROTHY BARRETT
JANE STRAIN

Second Prize.....VIRGINIA RICKS

Third Prize.....BETH GROVE

Honorable Mention.....{JEAN NELSON
MARIAN UPDEGRAFF

History Prize Scholarship.....CLAIRE HORWITZ

History Department Awards to Freshmen.....{ALICE DEMMLER
LOUISE FLOOD
JANE MEUBPersonal Library Prizes.....{JEAN BURCHINAL
BEATRICE DOBSON

Pittsburgh Female College Association Scholarship.....JEAN ARCHER

Science Department Awards.....{EDITH COLE
ELIZABETH ESLER

Woods Hole Marine Biological Laboratory Scholarship..EDITH COLE

Hood and Tassel Award—for high academic standing and consistently fine attitude towards college standards..MARIAN LAMBIE

Degrees Conferred in June 1942

Bachelor of Arts

*MARGARET ANDERSON	MARGARET LOUISE MATHENY
DOROTHY MARY ANDREWS	JANE SCOTT MCCLUNG
MARDEN MANCHESTER ARMSTRONG	ALICE WOOD MCKAIN
BETTY JANE BAKER	*MARY JEAN MILLER
MARY ELIZABETH BALMER	HELEN RUTH MOORE
CAROL GILLETTE BOSTWICK	KATHRYN ELIZABETH MORSE
**JEAN STURGIS BURCHINAL	*JANET RUMSEY MURRAY
FRANCES BURGE	*JOAN CAMPBELL MYERS
JANE LOUISE CHANTLER	MARJORIE ANN NORRIS
ELIZABETH DEARTH COLBAUGH	RUTH VERLINDA NOTZ
GLADYS OLIVIA COOPER	JEAN McDONALD PATTERSON
ELLEN BLACKBURN COPELAND	ALICE BARRETT PROVOST
ALISON CROFT	DOROTHY RUTH PURKISS
VIRGINIA HELEN CROUCH	ELIZABETH MAUDE ROWSE
MARY KATHERINE CULLEY	ANNA ELIZABETH SAYLOR
DOROTHY JANE DAVIES	HELEN JEAN SHELLKOPF
RUTH MATHILDA DEMMLER	ELIZABETH ANN SHIPLEY
BEATRICE ELIZABETH DOBSON	JESSIE FRANCES SHOOK
ANNE KILGOUR DRIVER	**MARY MITCHELL SINGER
DOROTHY LOUISE EVANS	CLAIRE ELIZABETH STEWART
JEAN ELIZABETH FARIS	MILDRED MARGARET STEWART
ELEANOR JANE GLICK	MARY KATHRYN STRATHEARN
MARGARET CLIFTON GRAHAM	*FLORENCE MARIE SUCCOP
MARY JANE HARTER	DOROTHY EDITH VALE
ELIZABETH LORD HAZELTINE	SARA ANN THOMAS
ETHEL LOUISE HERRÖD	JOYCE JOHNSTON WALLIS
MARGARET ELIZABETH HIBBS	*EILEEN RUTH WESSEL
MARJORIE IRENE HIGGINS	JULIA FRANCES WHELDON
GRACE MARY HORTON	ELIZABETH JANE WILMOT
PHYLLIS ALBERTA KEISTER	MINA MARIE WOY
MARY ANN MACKAY	MARJORIE WOOD YEARICK
BARBARA JANE MAERKER	

Bachelor of Science

MARY PATRICIA DAVID	HARRIET NIMICK MCKNIGHT
*BETTY JANE GAHAGEN	RUTH REDMAN PATTON

*General Honors.

**General and Special Honors.

Students in 1942-1943

Senior Class—1943

ANDERSON, MARGARET ELIZABETH
ARCHER, JEAN
BAKER, ANN CAMERON
BALLARD, MARGARET ELLEN
BLUE, PATRICIA FLORENCE
BROWN, BETTY MAE
CAMPBELL, MARY ELIZABETH
COLE, EDITH
COOPER, BARBARA ANDREWS
CRUCIGER, MARION PATRICIA
CUMMINS, ANN LUCILLE
DEWOODY, JEAN ELIZABETH
DIETZ, PEGGY
DITGES, MARGARET VIRGINIA
ESLER, ELIZABETH W.
EVANS, JANE GEORGETTE
FILIPPELLI, ROSEMARIE
FITZPATRICK, MARY JANE
FREY, FLORENCE HALLER
GARRETT, ELEANOR VAN TINE
GILLESPIE, VIRGINIA D.
GOLDBLUM, JANICE LEE
GRAVES, LOUISE EDNA H.
HEINZ, BARBARA
HENDRYX, VIRGINIA CODY
HORWITZ, CLAIRE MARKS
HUNKER, JUNE MARIETTA
HYDE, VANCE

JANOUGH, MILES
KEFFER, ELINOR AILEEN
LAMBIE, MARIAN LOUISE
LAUER, VIRGINIA COLEEN
MAELY, NINA ARMINTA
MARONEY, ELIZABETH ANN
MARSHALL, DOROTHY JANE
MCCOMB, MARY JANE
MCCORMICK, JANET
MCKAY, AMY ELEANOR
MEYER, CONSTANCE
MINNECI, DOROTHY ANNE
MYERS, JEANNETTE CHRISTINE
NOONAN, MARJORIE ANN
RIDER, ZILLAH LOUISE
ROSS, JANET ELIZABETH
ROWELL, MARION VIRGINIA
SCHWEPPE, MARY BERNADINE
SHRYOCK, CATHERINE WATSON
STEELE, BARBARA ANN
SUPPES, MARGARET ROSE
SWEET, PRISCILLA JEAN
TAYLOR, HELEN JANE
TEICHMANN, MARIAN AUGUSTA
TRUXAL, MARTHA JANE
WALLACE, LOUISE H.
WOLF, E. LORRAINE
WYRE, JEAN ROBINSON

Junior Class—1944

ALEXANDER, VIRGINIA LOUISE
BACON, JEAN MACINTOSH
BAILEY, NORMA LOUISE
BISTLINE, GLADYS EDNA
BLATTNER, ELEANOR JANE
BOWDLE, MARTHA JOAN
BROWNE, MARJORIE BELLE
BROWN, MARY ELIZABETH
BROWNE, MARGARET
BUSH, BETTY IRENE
CALDWELL, BARBARA JANE
COHEN, MARION
CONNER, AGNES MAE
CRAIG, PEGGY

DEBELLIS, AIDA AMNERIS
DEHAVEN, JEANNE WILMA
DEVLIN, ANNA MAE
DOERR, NANCY
DONALDSON, MARGARET LUCILLE
FINDLEY, BARBARA PITCAIRN
FIRMIN, RUTH EMILY
FISHER, MARY JANE
FRICK, SALLY WINCHESTER
FULTON, EVLYN WEHLING
GEYER, PORTIA WILSON
GLICK, EVELYN DOROTHY
GOODWIN, JEANNE
GRAY, VIRGINIA ELIZABETH

HARLAN, MARTHA CECILIA
 HARRIS, AMANDA J.
 HARTER, MARJORIE LOUISE
 HEIMERT, GLADYS MARIE
 HERSPERGER, HELEN ELIZABETH
 HUMPHREYS, JANE E.
 HUTCHINSON, MARTHA
 IRELAND, NELLIE VIRGINIA
 JENKINS, RUTH ALVERA
 JOHNESCU, BETTY MARTHA
 JOHNSON, MARGARET ETHELYN
 JONES, KELLY
 JONES, MARY PHYLLIS
 KINDLE, DONNA MAE
 KINNEY, MARY ELIZABETH
 KIRSOPP, DALE
 KNAUSS, JOANNE GEHRING
 LAIRD, RUTH MARIE
 LEIBOLD, DORCAS ELLEN
 LEONARD, PATRICIA
 LYNCH, RUTH
 MACKIE, HELEN CATHERINE
 MAXWELL, NANCY JANE
 MAYS, SHIRLEY ANN
 MCCLYMONDS, ANN LOUISE
 MCCULLOUGH, MARTHA ELLEN
 MCKEAG, GLORIA JEANNE

MEADER, MARY ELIZABETH
 MEANOR, SALLY BROWN
 MOLVIE, ELIZABETH GERTRUDE
 MONKS, MARION BROWN
 MONROE, FRANCES ELIZABETH
 NELSON, DOROTHY JANE
 OESTERLING, MARY LOUISE
 RAUP, NANCY JANE
 REIBER, MARY LOU
 RIGAUMONT, JANE ALICE
 ROBERTS, MARY D.
 SAMPSON, MARY RUTH
 SAY, CYNTHIANNE DUNBAR
 SCHMEICHEL, GERTRUDE MAE
 SCHUH, EDNA VIRGINIA
 SHEASBY, LILLIAN MAY
 SMITH, HELEN HEATH
 SPIERLING, ELIZABETH CAROLYN
 SPRINGER, MARION HELEN
 STAUFFER, NANCY MILLER
 SUPOWITZ, ADELYNE GLORIA
 SWAN, JUSTINE CAPPELL
 WATSON, WINIFRED EVELYN
 WESTON, RUTH BUTLER
 WILCOX, MATILDA JANE
 WRIGHT, PATRICIA JEAN
 YEISER, ELIZABETH LOUISE

Sophomore Class—1945

ALLSHOUSE, LOIS
 BARRETT, DOROTHY JOANNE
 BASENKO, PAULINE
 BECK, NETTIE JANE
 BENNER, GRACE D.
 BREWSTER, JANET MADELINE
 CAVANAGH, MARILYN
 CHANTLER, PEGGY
 CLEWER, HELEN LOUISE
 COLLINS, JUNE GRANT
 COSEL, CAROLYN JOAN
 COX, MARTHA KNIGHT
 CRAIG, MARY ALICE
 DALZELL, JEAN REID
 DAVIDSON, NANCY JANE
 DAVIS, MIRIAM
 DAWE, CYNTHIA
 DEMMLER, ALICE
 DORNBERGER, HELEN MARION
 DOWNING, ANNA VIOLA
 EMMINGER, ELMA CLAIRE
 FIRTH, DOROTHY JEAN

FLOOD, JEAN LOUISE
 GALLAGHER, MARY ETHEL
 GREGSON, CHARLOTTE
 GRIFFITHS, EMMA
 HALLER, BARBARA LOUISE
 HANNA, ALICE
 HELD, FLORENCE JEAN
 HERDT, NANCY JANE
 HESTON, AUDREY ANNE
 HULL, PATRICIA ANNE
 INGRAHAN, PHYLLIS MARIE
 JENKINS, RUTH
 KELLY, MARY
 KENNEDY, JANET KATHERINE
 LANDIS, SALLY JEANNE
 LAPSLEY, MARY ALMA
 LEACH, MARION NANCY
 LUTZ, LOIS JEAN
 MAYHALL, MARJORIE ANN
 MCCRORY, EMILY ELIZABETH
 MCFALL, MARTHA FRANCES
 MCFARLAND, MARY JANE

MENDELSON, RUTH DORIS
 MEUB, JANE EMELYN
 MITZ, CATHERINE
 MURRAY, JANE SHEPPARD
 NOLL, EMILY JANE
 PERRY, MEARL
 RAYNOR, GEORGIA EMILY
 RICKS, VIRGINIA
 ROBINSON, HELEN LOUISE
 RUPPELT, MARJORIE MEREDITH
 SELLECK, MARJORIE JANE
 SMITH, PATRICIA
 SPEERS, PATSY

STRAIN, JANE
 ST. CLAIR, ELEANOR JANE
 SUCCOP, EDITH
 SWANNIE, MARION
 THOMAS, ANNA GOLDIE
 THOMAS, JEAN ANNE
 UPDEGRAFF, MARIAN
 URBAN, BETTY GRAY
 WARNER, ELIZABETH EATON
 WILSON, PAULINE
 WOOD, JANE LAWRENCE
 WRAY, MARTHA CHARLOTTE
 YOUNGLING, MARY JANE

Freshman Class—1946

AIKEN, JOYCE
 ANTHON, BETTY
 BECK, BETTY
 BISHOP, MARGARET FRANCES
 BOVARD, JANET BROWNLEE
 BURCKART, MARY LOUISE
 CALOYER, AUGUSTA ROBERTA
 CARPENTER, AUGUSTA ROBERTA
 COATE, MARTHA LOUISE
 COCHRAN, PATRICIA WILSON
 COOK, SARA MARCY
 COPETAS, LULA
 COTT, BARBARA EMORY
 COUCH, MARJORY ISABEL
 DALE, FLORENCE ELIZABETH
 DAVIES, JOAN HARRIET
 DORSEY, LUCY SPRIGG
 DUNN, ANNA KATHRYN
 EGGER, MIRIAM MARGARET
 ELDON, PATRICIA
 ELLIOTT, MARJORIE
 FAIRFIELD, DORIS
 FELLOWS, REBECCA
 FIELD, JANE MARGARET
 FILIPPELLI, AGNES
 FREDERICKSON, MARGARET
 FUNK, SUE
 GARDNER, ALICE LEE
 GILMORE, HELEN
 GOODWIN, ANNA JANE
 GROVES, DOROTHY VIOLA
 HALLER, MARY LOUISE
 HARMS, JOAN HENRIETTA
 HEIMANN, SYBIL DOROTHEA
 HENDRYX, PRISCILLA LOUISE
 HILBISH, FRANCESCA GUTHRIE
 HOFFMAN, HARRIET ELIZABETH

JACKSON, LOIS JEAN
 KIESTER, LILLA ELIZABETH
 KNOLL, DOLORES
 KNOX, ELEANOR JANE
 KORB, MARGARET ANN
 KOVACS, MILDRED
 LANCASTER, KITTY
 LANSING, MARJORIE
 LATIMER, DORIS
 LEAN, MARIAN
 LEFFLER, JEAN G.
 LETSCHE, MARY ANN
 LEVINSON, ARLINE RUTH
 LUNDSTEDT, LINNEA
 McADAMS, NINA
 McCULLOUGH, MARGARET JEAN
 McKEE, MARGARET ANN
 McPHERSON, JANE ANN
 MEANS, NANCY JEAN
 MISTRIK, MARGARET INEZ
 MYERS, HELEN LOUISE
 MYERS, STELLA ELIZABETH
 NORTON, SUE
 OSTIEN, FLORENCE ANNA
 PARKER, SARA B.
 PARKINSON, HELEN
 PERRY, RUTH
 PETTY, JANET KATHLEEN
 PURVES, JEAN
 RAINS, ELIZABETH
 RIFFLE, MARGARET ELLEN
 ROCHE, MARIELLEN
 ROHRER, MARIE ELIZABETH
 ROSS, MARY ELIZABETH
 ROWAND, DORIS RUTH
 RUMBAUGH, MARY ANN
 SAVECKA, ROSALYN

SAWDERS, MARY EMILY
 SAYLOR, ELLEN MARIE
 SHOWALTER, NANCY
 SHRINER, HELEN JANE
 SINEWE, JUNE
 SISLER, SYLVIA DORIS
 SKLAREY, MYRA ELAINE
 SMITH, SALLY LOU
 SOSSONG, BETTY
 STAPLES, MARION HELENE
 STONER, FRANCES LEE
 TEPLITZ, RUTH ELLEN
 THOMPSON, MARY JEAN
 THORNE, CAROLYN

TITUS, JOAN ELIZABETH
 UBER, VIRGINIA MAE
 VAN KIRK, VIRGINIA HATHAWAY
 VILLING, SARA CATHERINE
 VOGT, VIRGINIA MARIE
 WALTON, PATRICIA ANN
 WAYNE, MARJORIE
 WEIGEL, RUTH ANN
 WELLS, MARY
 WERTENBACH, KATHERINE MARIE
 WILSON, ELIZABETH JANE
 WITTE, HELEN CAROLYN
 WORK, BARBARA GRAHAM
 YORKIN, MARTHA JANE

Unclassified Students

Candidates for classification as regular students who are carrying twelve hours or more in college classes, but who are deficient in more than six hours for regular classification.

BOLLINGER, BARBARA ANNE
 BURNSIDE, JEAN MABEL
 CHURCH, MARY ANNE

ISHAM, LUCY ANN
 PAIVA, MARIA JOSE
 POLLICK, FRANCES LILLIAN

Special Students

Students who have been admitted for special work other than music:

DILWORTH, MRS. H. P.
 HUETTER, IVY CATHERINE
 LOWE, ALTHEA RUTH

MCLEAN, SUZANNE FISH
 SMITH, MRS. FOWLER
 WENTZEL, PEGGY LEE

ZEIGLER, MRS. JANE

Seniors	56
Juniors	82
Sophomores	70
Freshmen	102
Unclassified	6
Special	7
Music (not taking academic work)	13
Total in all departments.....	336

Students of Applied Music

AIKEN, JOYCE
BASENKO, PAULINE
BOVARD, JANET
BROWN, MARJORIE
BURNSIDE, JEAN
CAMPBELL, KATHERINE
CHANTLER, PEGGY
COHEN, MARION
COLLINS, JUNE
COX, MARTHA
DILWORTH, MRS. H. P.
DITGES, VIRGINIA
EISENBERG, MARY KAY
FIRTH, DOROTHY
FISHER, MARY JANE
FULTON, EVELYN
FUNK, SUE
GARDNER, ALICE LEE
GOODWIN, JEANNE
HEIMANN, SYBIL
HENDERSON, HELEN RUTH
HERDT, NANCY JANE
HODGSON, MRS. BETTY
HUNKER, JUNE
INGRAHAM, PHYLLIS
ISHAM, LU ANN
JOHNSON, MARGARET

KENNEDY, JANET
KIEFFER, MARION
KIRKPATRICK, BETTY GRAHAM
KIRSOPP, DALE
LANDIS, SALLY
McFALL, MARTHA
McKAY, AMY
McKEE, MARGARET ANN
MEADER, MARY ELIZABETH
MEYER, ALLISON
MYERS, HELEN
PARKINSON, HELEN
REIBER, MARY LOU
RUPPELT, MARJORIE
SAMPSON, DORIS
SAMPSON, MARY RUTH
SCHOLL, GOLDIE LEONA
SCHUH, EDNA
SMITH, SALLY ANNE
SPIERLING, ELIZABETH
STIENECKE, DOLORES
STRAIN, JANE
THOMPSON, PAT RUTH
WALTON, PATRICIA
WENTZEL, PEGGY
WESSEL, EILEEN
WITTE, HELEN

Alumnae

The Alumnae Association

The Alumnae Association of Pennsylvania College for Women was organized in 1876. In January 1926, an office was established at the College and a part-time secretary employed. Two regular meetings of the association are held every year in October or November and the Saturday preceding Commencement.

Each year the Association gives several scholarships to the College, and maintains a small loan fund to assist worthy students. In 1935 the Association adopted the Alumnae Fund system in place of the older method of collecting fixed dues. As a result of this plan, the Alumnae have been able to make a substantial gift to the College each year since its adoption.

The Alumnae Recorder, containing news of the College and its graduates, and *The Alumnae Register* are issued by the Association at appointed intervals.

OFFICERS

MARY SHANE MUIR.....	President
ISABEL EPLEY.....	First Vice President
SARA OCHILTREE HAWK.....	Second Vice President
RACHEL STEVENSON BAIR.....	Treasurer
MARTHA BRIGHT	Recording Secretary
HELEN HORIX FAIRBANKS	Corresponding Secretary
CORA INGHAM BALDWIN.....	Alumnae Secretary
ELIZABETH BURT MELLOR.....	Alumnae Trustee

Alumnae Clubs

In districts where a large number of graduates are living, P.C.W. clubs have been organized. The existing clubs and their presidents are listed below:

CLEVELAND—Mrs. Carey Mann (Gertrude Pay, '33), 1601 Parkwood Road, Lakewood.

DETROIT—Miss Imogene Armstrong, '20, 2933 W. Chicago Blvd., Detroit.

GREENSBURG—Mrs. A. T. Plough (Elizabeth Buchanan, '28), 413 Stanton Street.

NEW YORK—Mrs. R. L. Dieffenbacher (Ruth Lenon, '29), 33-28 81st Street, Jackson Heights, L. I.

PHILADELPHIA—Mrs. Charles C. D. Leitch (Lucile Leery), 937 Atwood Road, Overbrook.

UNIONTOWN—Mrs. William Springer (Sarah Chisholm, '25), 333 Elizabeth Street.

WASHINGTON, PA.—Mrs. Malcolm Hazlett (Velma Duvall, '30), Scenery Hill.

PITTSBURGH NEIGHBORHOOD CLUBS

CHARTIERS VALLEY—Mrs. John M. Shane (Stella Wagenfehr, '24), 12 Duncan Avenue, Crafton, Pa.

EDGEWOOD-SWISSVALE—Miss Doris E. Chatto, ex '39, 1300 Milton Avenue, Regent Square, Pittsburgh, Pa.

NORTH DISTRICT—Miss Elizabeth Bradley, '37, 18 North Freemont Street, Bellevue, Pa.

HIGHLAND DISTRICT—Mrs. John G. Kirkpatrick (Betty Graham, '33), 1635 Jancey Street, Pittsburgh, Pa.

Alumnae Representatives

To disseminate information about Pennsylvania College for Women in communities distant from Pittsburgh, to confer with prospective students and their parents, and to assist the College in selecting the most desirable applicants from their own localities, Alumnae Representatives have been appointed by the college in the following states and districts:

CALIFORNIA—Mrs. John Alden Randall (Marjorie Chubb, '38), 213½ S. Olive Avenue, Alhambra.

CONNECTICUT—Mrs. Francis Wilcox Potter (Mary Louise Towar, '30), 16 Pilgrim Road, West Hartford.

DISTRICT OF COLUMBIA—Mrs. William C. Bond (Clara Boyd, '29), 6909 Exfair Road, Bethesda, Maryland.

FLORIDA—Miss Jane B. Evans, '31, 2908 Royal Palm Avenue, Miami Beach.

Mrs. E. S. Volkwein (Sarah F. Marks, '38), 2806 Ionic Avenue, Jacksonville.

Miss Betty MacColl, '29, 220-25th Street, Bradenton.

GEORGIA—Mrs. Joseph C. Harvard (Mary MacLaughlin, '22), 1237 Gordon Street, S.W., Atlanta.

- ILLINOIS—Mrs. Thaddeus E. Hackett, Jr. (Virginia Glandon, '27),
646 N. Michigan Avenue, Chicago.
- INDIANA—Mrs. Ralph S. Holland (Elizabeth Hewitt, '27), 1321
Prospect Street, Indianapolis.
- KENTUCKY—Miss Augusta Rogers, '19, Catlettsburg.
- MARYLAND—Mrs. Joseph E. Lee, Jr. (Elizabeth Davidson, '28),
704 Hatherleigh Road, Stoneleigh, Baltimore.
- MASSACHUSETTS—Mrs. Risher Dunlevy (Frances Ray, '27), 120
Stedman Street, Brookline.
- MICHIGAN—Mrs. John T. Gallatin (Sophie Gribble, '23), 88 Sun-
ningdale Drive, Grosse Pointe Shores.
Miss Imogene Armstrong, '20, 2933 W. Chicago Boulevard,
Detroit.
- NEW JERSEY—Mrs. Henry A. McCracken (Eleanor Fulton, '26),
322 Park Avenue, Newark, New Jersey.
- NEW YORK—Mrs. William G. Rohlfs (Emelyn Taylor, '27), 91
Kirkwood Avenue, Merrick, L. I.
Miss Margaret D. Jefferson, '31, 126 East 19th Street, New York.
- OHIO—Mrs. J. Byers Hays (Charlotte Hunker, '18), 2341 Dela-
ware Road, Cleveland Heights.
- OKLAHOMA—Mrs. William A. Kraus (Harriet Hill, '22), 1220
Johnstone Avenue, Bartlesville.
- PENNSYLVANIA—Mrs. Charles Noyes (Martha Crandall, '17),
R.D. No. 1, Butler.
Miss Mary Jane Dom, '29, 150 Westmoreland Avenue, Greens-
burg.
Miss Doris Thomas, '31, 125 Warren Street, West Pittston.
Mrs. Pierce Gilbert (Virginia Wilcox, '20), 407 Park Avenue,
Swarthmore.
Mrs. E. J. Thompson (Harriet Barker, '23), 911 Presqueisle
Street, Philipsburg.
Miss Martha Branch, '37, 308 Fourth Avenue, Warren.
- TENNESSEE—Mrs. Clifford Barbour (Laura Taber, '19), 623 Scenic
Drive, Knoxville.
- WEST VIRGINIA—Mrs. Millard Sisler (Florence Keys, '12), 301
Wagner Road, Morgantown.
Mrs. William H. Coston (Henrietta Spelsburg, '28), 187 East
Pike Street, Clarksburg.

The Alumnae Council

The Alumnae Council is composed of alumnae members of the College Board of Trustees, members of the Executive Board, chairmen of all committees, the appointed Alumnae Representatives, members from each alumnae class and alumnae club as well as a limited number of associate alumnae.

A conference is held at the College the week-end before the P.C.W. spring vacation.

The purposes of the council are to keep alive the loyalty of alumnae and enlist their active interest in and support of their alma mater, to keep in close touch with the administration of the College and communicate to the alumnae the progress and needs of the College, and to formulate recommendations to be presented at the June meeting of the Alumnae Association for the adoption of policies which will promote the best interests and welfare of the Alumnae Association and the Pennsylvania College for Women.

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PENNSYLVANIA COLLEGE
FOR WOMEN
BULLETIN

ANNOUNCEMENTS FOR
1944-1945
REGISTER OF FACULTY AND STUDENTS FOR
1943-1944

PITTSBURGH, PENNSYLVANIA
MARCH 1944

Calendar

1943

1944

1945

<p>JULY</p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30 31</p>	<p>JANUARY</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p>	<p>JULY</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30 31</p>	<p>JANUARY</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>
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<p>SEPTEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30</p>	<p>MARCH</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>SEPTEMBER</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p>	<p>MARCH</p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30 31</p>
<p>OCTOBER</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31</p>	<p>APRIL</p> <p>S M T W T F S</p> <p>1</p> <p>2 3 4 5 6 7 8</p> <p>9 10 11 12 13 14 15</p> <p>16 17 18 19 20 21 22</p> <p>23 24 25 26 27 28 29</p> <p>30</p>	<p>OCTOBER</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30 31</p>	<p>APRIL</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6 7</p> <p>8 9 10 11 12 13 14</p> <p>15 16 17 18 19 20 21</p> <p>22 23 24 25 26 27 28</p> <p>29 30</p>
<p>NOVEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30</p>	<p>MAY</p> <p>S M T W T F S</p> <p>1 2 3 4 5 6</p> <p>7 8 9 10 11 12 13</p> <p>14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27</p> <p>28 29 30 31</p>	<p>NOVEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30</p>	<p>MAY</p> <p>S M T W T F S</p> <p>1 2 3 4 5</p> <p>6 7 8 9 10 11 12</p> <p>13 14 15 16 17 18 19</p> <p>20 21 22 23 24 25 26</p> <p>27 28 29 30 31</p>
<p>DECEMBER</p> <p>S M T W T F S</p> <p>1 2 3 4</p> <p>5 6 7 8 9 10 11</p> <p>12 13 14 15 16 17 18</p> <p>19 20 21 22 23 24 25</p> <p>26 27 28 29 30 31</p>	<p>JUNE</p> <p>S M T W T F S</p> <p>1 2 3</p> <p>4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17</p> <p>18 19 20 21 22 23 24</p> <p>25 26 27 28 29 30</p>	<p>DECEMBER</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p> <p>31</p>	<p>JUNE</p> <p>S M T W T F S</p> <p>1 2</p> <p>3 4 5 6 7 8 9</p> <p>10 11 12 13 14 15 16</p> <p>17 18 19 20 21 22 23</p> <p>24 25 26 27 28 29 30</p>

Correspondence

IN the list below are the names and addresses of persons to whom inquiries of various types should be sent. The post office address is Pittsburgh, Pennsylvania.

Correspondence regarding the general interests of the College and financial arrangements of students should be addressed to **THE PRESIDENT OF THE COLLEGE**.

Requests for catalogues, inquiries regarding admission to the College and the reservation of rooms in the halls of residence as well as inquiries regarding the academic work of students, their withdrawal from College, leaves of absence, scholarships and loan funds should be addressed to **THE DEAN OF THE COLLEGE**.

Correspondence relating to the business matters of the College and payment of College bills should be addressed to **THE ASSISTANT TREASURER**. Checks should be made payable to the **PENNSYLVANIA COLLEGE FOR WOMEN**.

Correspondence relating to the publicity of the College should be addressed to **THE DIRECTOR OF PUBLICITY**.

Requests for transcripts of records should be addressed to **THE REGISTRAR**.

Correspondence relating to the alumnae of the College should be addressed to **THE SECRETARY OF THE ALUMNAE ASSOCIATION**.

Those wishing to get in touch with an **ALUMNAE REPRESENTATIVE** living near their home should consult pages 93-95 for the address.

College Calendar

Academic Year—1943-44

REGISTRATION FOR FRESHMEN.....	9:00 A.M.-11:00 A.M., Monday, September 27
FRESHMEN ORIENTATION PROGRAM.....	September 27-29
REGISTRATION FOR ALL OTHER STUDENTS	
	9:00 A.M.-4:00 P.M., Tuesday, September 28
OPENING OF 73RD ACADEMIC YEAR.....	Wednesday, September 29
THANKSGIVING HOLIDAY	Thursday, November 25
CHRISTMAS RECESS	from 4:30 P.M., Friday, December 18 to 8:30 A.M., Wednesday, January 5
MID-YEAR EXAMINATIONS	January 27-February 3
SECOND SEMESTER BEGINS.....	Monday, February 7
SPRING RECESS	from 4:30 P.M., Tuesday, April 4 through Monday, April 10
FINAL EXAMINATIONS	May 26-June 2
COMMENCEMENT	Monday, June 5

Academic Year—1944-45

REGISTRATION FOR FRESHMEN.....	9:00 A.M.-11:00 A.M., Monday, September 18
FRESHMAN ORIENTATION PROGRAM.....	September 18-20
REGISTRATION FOR ALL OTHER STUDENTS	
	9:00 A.M.-4:00 P.M., Tuesday, September 19
OPENING OF 74TH ACADEMIC YEAR.....	Wednesday, September 20
THANKSGIVING HOLIDAY	from 12:30 P.M., Wednesday, November 29 to 8:30 A.M., Monday, December 4
CHRISTMAS RECESS	from 12:30 P.M., Wednesday, December 20 to 8:30 A.M., Thursday, January 4
MID-YEAR EXAMINATIONS	January 22-27
SECOND SEMESTER BEGINS.....	8:30 A.M., Wednesday, January 31
SPRING RECESS	from 12:30 P.M., Wednesday, March 28 to 8:30 A.M., Thursday, April 12
FINAL EXAMINATIONS	Friday, June 1-Friday, June 8
COMMENCEMENT	Monday, June 11

Board of Trustees

Officers

ARTHUR E. BRAUN.....	President
RALPH W. HARBISON.....	First Vice-President
JAMES E. MACCLOSKEY, JR.....	Second Vice-President
MRS. CHARLES H. SPENCER.....	Secretary
PEOPLES-PITTSBURGH TRUST CO. OF PITTSBURGH.....	Treasurer

Members

Term Expires 1944

FREDERICK G. BLACKBURN	JAMES E. MACCLOSKEY, JR.
MRS. R. D. CAMPBELL	JOHN H. RICKETSON, III
RALPH W. HARBISON	MRS. CHARLES H. SPENCER

Term Expires 1945

CHARLES F. LEWIS	MRS. ALEXANDER MURDOCH
MRS. JOHN R. McCUNE	HERBERT L. SPENCER

Term Expires 1946

WILLIAM P. BARKER	MRS. GEORGE WILMER MARTIN
ARTHUR E. BRAUN	GWILYM A. PRICE
MRS. JOHN M. PHILLIPS	ALEXANDER C. ROBINSON

Administration

Officers of Administration

HERBERT L. SPENCER, PH.D.....	President
MARY HELEN MARKS, L.H.D.....	Dean
HANNA GUNDERMAN, M.ED.....	Assistant Treasurer
*JOSEPHINE CAMPBELL, A.B.....	Field Representative
HAZEL COLE SHUPP, PH.D.....	Director of Publicity
ALICE E. HANSEN, M.ED.....	Librarian
INA V. HUBBS, B.S.....	Assistant Librarian
JOAN C. MYERS, A.B.....	Registrar
RACHEL KIRK, A.B.....	Acting Field Representative
ELIZABETH C. THOMPSON, B.S.....	Secretary to the Dean
LILLIAN M. MCFETRIDGE, A.B.....	Secretary to the President

*On military leave.

Faculty

HERBERT L. SPENCER	President
B.S., Carnegie Institute of Technology; A.M., Ph.D., University of Pittsburgh	
MARY HELEN MARKS.....	Dean
A.B., Smith College; A.M., L.H.D., Pennsylvania College for Women	
CARLL W. DOXSEE.....	Professor of English
and Head of the Department of English	
A.B., A.M., Wesleyan University; Ph.D., Princeton University	
JAMES S. KINDER.....	Professor of Education and
Head of the Departments of Education and Psychology	
B.S., Southeast Missouri Teachers College; A.M., Ph.D., Columbia University	

- ANNA L. EVANS.....Professor of History and
Political Science and Head of the Department of History
A.B., Oberlin College; A.M., Smith College
Ph.D., Columbia University
- EARL K. WALLACE.....Professor of Chemistry and
Head of the Department of Chemistry and Physics
B.S., Pennsylvania State College; A.M., Ph.D., Columbia University
- *HELEN CALKINS.....Professor of Mathematics and
Head of the Department of Mathematics
A.B., Knox College; A.M., Columbia University;
Ph.D., Cornell University
- EDWARD W. MONTGOMERY.....Professor of Sociology and
Head of the Department of Sociology and Economics
A.B., Parsons College; A.M., Ph.D., University of Chicago
- *MARGARET ROBB.....Associate Professor of Speech and
Head of the Department of Speech
A.B., Geneva College; A.M., University of Iowa;
Ph.D., Columbia University
- PHYLLIS COOK MARTIN.....Associate Professor of Biology
and Acting Head of the Department of Biology
B.S., M.S., University of Pittsburgh; Ph.D., University of Illinois
- HAZEL COLE SHUPP.....Associate Professor of English
A.B., Colby College; Ph.D., Yale University
- MARY I. SHAMBURGER.....Assistant Professor of English
A.B., Guilford College; A.M., Columbia University
- LABERTA DYSARTAssistant Professor of History
A.B., University of Nebraska; A.M., Columbia University
- EFFIE L. WALKER.....Assistant Professor of History
A.B., George Washington University; A.M., Columbia University
- HELENE WELKER.....Assistant Professor of Music and
Chairman of the Department of Music
A.B., Hunter College; graduate, Juilliard School of Music,
New York City; graduate study with Ernest Hutcheson, Harold Bauer,
and Lazare Lévy in Paris
- *MARION THURSTON GRIGGS.....Assistant Professor of French
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh
- LILLIE B. HELD.....Assistant Professor of Music
A.B., Carnegie Institute of Technology; A.M., Columbia University
- ELIZABETH PIEL.....Assistant Professor of German
A.B., Pennsylvania College for Women;
A.M., Ph.D., University of Pittsburgh

*On leave of absence, 1943-1944.

- MARGUERITE MAINSSONNAT OWENSAssistant Professor
of French
B.S., Cours Louis Marin, Paris; Certificat Pédagogique, Paris;
Ecole des Hautes Etudes, Sorbonne; A.M., Hamline University
- RUTH ELEANOR STAPLES.....Assistant Professor of Spanish
A.B., A.M., University of Pittsburgh
- xELIZABETH M. SEITZ.....Assistant Professor of Mathematics
A.B., Wilson College
- Anna May
Johson 1944* JOHN W. MAY.....Assistant Professor of Economics
A.B., M.A., University of Missouri
- N. R. HIGH MOOR.....Lecturer in Religious Education
B.L., M.A., Kenyon College; D.D., Bexley Theological Seminary
- HAROLD L. HOLBROOK.....Lecturer in Education and
Director of the Adjustment Institute
B.S., University of Pittsburgh; Ph.D., Yale University
- †MARGARET T. DOUTT.....Lecturer in Biology
B.S., M.S., University of Pittsburgh; Ph.D., Michigan State College
- †RALPH LEWANDO.....Instructor in Violin
Studied at Royal Imperial Conservatory of Vienna under Sévcik;
Attended Vienna University, studied with Leopold Auer
- †EARL B. COLLINS.....Instructor in Organ
Mus.B., Syracuse University
- GERTRUDE N. AYARS.....Instructor in Voice
Mus.B., Kansas City Conservatory of Music; studied under Hageman
and under Gabrielle Chriseman in Nice; coached with Jean deReszke
- †VIVIAN M. RAND.....Instructor in English
B.S., University of Alabama; A.M., University of North Carolina
- †SAMUEL ROSENBERG.....Instructor in Applied Art
National Academy of Design, New York; A.B., Carnegie Institute of
Technology; First Honor, Associated Artists of Pittsburgh
- †ELEANOR J. GRAHAM.....Instructor in Physical Education
A.B., Oberlin College; M.Ed., University of Pittsburgh
- IRMA AYERS.....Instructor in Home Economics
B.S., West Virginia University
M.S., The Pennsylvania State College
- *MARION E. LASKEY.....Instructor in Biology
A.B., University of Pennsylvania

xSubstitute for Dr. Calkins.

†Part time only.

‡On military leave.

*On leave of absence, 1943-1944.

- †BERNICE AUSTIN.....Instructor in Music
Mus.B., Northwestern University, pupil of Emil Liebling
- †CARROLL C. ARNOLD.....Instructor in Speech
A.B., Sioux Falls College; A.M., Ph.D., State University of Iowa
- †GEORGE B. KIMBERLY.....Instructor in Stagecraft
Assistant Professor, Technical Director, Department of Drama,
Carnegie Institute of Technology
- DOROTHY J. AYERS.....Instructor in Secretarial Studies
B.S., University of Pittsburgh
- THOMAS F. JACOBY.....Instructor in Chemistry
B.S., M.S., Ph.D., Lehigh University
- MARGARET JEAN MACLACHLAN....Instructor in Physical Education
A.B., Lake Erie College
- LOIS E. KRAMER.....Instructor in Psychology
A.B., Pennsylvania College for Women
Graduate Assistant, University of Minnesota
- KATHRYN CHALLINOR.....Instructor in Biology
A.B., Allegheny College
M.S., University of Kentucky
- †PHYLLIS MARSCHALL FERGUSON.....Instructor in Speech
A.B., Emerson College
M.A., University of Pittsburgh
- †HELENE ROELOFS GILL.....Instructor in French
A.B., Hope College; M.A., University of Michigan;
University of Amsterdam, Netherlands, Sorbonne, Paris
- †ELIZABETH KIMBERLY.....Instructor in Speech
A.B., Carnegie Institute of Technology
- †JO HAILEY COTTON.....Instructor in Education
A.B., University of Texas
M.A., Columbia University
- †EDITH WARMAN SKINNER.....Instructor in Speech
B.S., M.A., Columbia University
- †JEAN F. DICKEY.....Instructor in Physical Education
Briarcliff Junior College
- †MARGARET DIGNAN ROBSON.....Instructor in Modern Dancing
B.S., University of Wisconsin
- †SUSAN WOOLDRIDGE.....Laboratory Assistant
A.B., Pennsylvania College for Women

†Part time only.

‡On military leave.

School of Nursing—Presbyterian Hospital

IRENE MILLER McCAUSLAND, B.S., R.N.Director of Nurses
University of Pittsburgh

MARY RUSSELL, A.B., R.N.....Director of Nursing Arts
Pennsylvania College for Women

Other Officers

ETHEL C. BAIR, A.B.House Director, Woodland Hall

CHESTER C. O'NEIL.....Superintendent of Buildings and Grounds

ANNA E. WEIGANDManager of Book Store

IRENE D. FERGUSON, M.D.....College Physician

MARION M. BENN.....House Director, Berry Hall

CORA INGHAM BALDWIN, A.B.....Alumnae Secretary

MRS. EARL PARK.....House Director, Andrew Mellon Hall

ROBERTA L. GEISSINGER.....Librarian, P.C.W. Film Service

PAULINE D. LINTON.....Assistant Accountant

HELEN ELDER, R.N.....Resident Nurse

MRS. SPENCER P. HOWELL.....House Director, Fickes Hall

With the exception of the President, the Dean, and the Assistant
Treasurer, the names in each group are arranged in order of
appointment

Standing Committees

Faculty

ADMISSIONS—Dean Marks, Mr. Kinder, Miss Kirk, Miss Myers, Mrs. Thompson

ADVISORY—The President, the Dean, the Secretary of the Faculty, Mr. Montgomery, Miss Dysart, Miss Walker, Miss Kramer, Mrs. Shupp

CHAPEL—President Spencer, Dean Marks, Mrs. Ayars, Mr. Collins, Mrs. Shupp, Miss Held, Miss McFetridge, Mrs. Ferguson

CURRICULUM—Mr. Kinder, Miss Evans, Mrs. Rand, Mr. Wallace, Miss Welker, Miss Kramer, Dean Marks and President Spencer, *ex officio*

HONORS BOARD—Dean Marks, Miss Shamburger, Mr. Wallace, Miss Dysart, Mrs. Owens

LIBERAL ARTS—Dean Marks, Miss Irma Ayers, Mr. Montgomery, Miss Welker, Mrs. Martin, Miss Piel

LIBRARY—Mrs. Hansen, Miss Walker, Mr. Doxsee, Mrs. Martin, Mrs. Owens

PUBLIC EVENTS—Dean Marks, Mrs. Ayars, Miss Gunderman, Mrs. Spencer, Mrs. Thompson, Mrs. Dickey, Mr. Kimberly, Miss Maclachlan, Miss Held

PUBLICATIONS—Mrs. Shupp, Miss Kirk, Dean Marks, Miss McFetridge, Miss Dorothy Ayers

SCHOLARSHIP—Dean Marks, Miss Dysart, Miss Evans, Mrs. Rand, Miss Shamburger, Mrs. Seitz, Miss Staples, Mr. Wallace, Miss Myers, *ex officio*

Faculty-Student

FACULTY-STUDENT COUNCIL—President Spencer, Dean Marks, Miss Dorothy Ayers, Miss Walker. Student membership: President and First and Second Vice-Presidents of the Student Government Association, Presidents of Woodland Hall and Andrew Mellon Hall and Fickes Hall, class presidents, President of the Young Women's Christian Association, President of the Athletic Association, Editors of *The Arrow*.

FACULTY-STUDENT CURRICULUM—Mr. Kinder, Miss Kramer, Miss Evans, Mrs. Rand, Mr. Wallace, Miss Welker, Dean Marks, and President Spencer. Student membership: A senior chairman and one member chosen from each of the four classes.

Pennsylvania College for Women

PENNSYLVANIA COLLEGE FOR WOMEN is a college of liberal arts and sciences, conferring the degrees of Bachelor of Arts and Bachelor of Science. It offers instruction in the basic fields of knowledge and seeks to prepare its students for intelligent participation in the social order. It equips students who wish to undertake graduate study or professional work with a sound foundation for their future activities, and provides others who do not wish to take graduate work or to prepare for a profession with a broad general education. The College is non-denominational and welcomes students of all faiths. Because it is a small college, Pennsylvania College for Women is able to maintain an informal and friendly relationship between students and faculty that is conducive to good scholarship and personal development. Students are expected to live in college dormitories or in their own homes, unless special permission has been given directly from the Dean for any other living arrangements.

Foundation

The College was founded in December 1869, under the leadership of Dr. W. T. Beatty, pastor of the Shadyside Presbyterian Church. Originally a Presbyterian college, P.C.W. has since become non-denominational. The College motto is "That our daughters may be as cornerstones, polished after the similitude of a palace."

Development

All College activities originally took place in the residence now known as Berry Hall, which was named in honor of its former owner. Dilworth Hall, named for the largest contributor toward the construction of the building, was erected in 1888. A preparatory school known as Dilworth Hall was connected with the College in its early years but was discontinued in 1916. A gymnasium and music hall were next added to the group of buildings on the campus. When the increased enrollment made it imperative to erect a new dormitory,

Woodland Hall was built. The Louise C. Buhl Hall of Science, which is unusually well equipped, and the James Laughlin Memorial Library were completed in 1932. A campaign for \$1,500,000 for building and endowment is now in progress. Plans are being made for a new administration building, gymnasium, and auditorium. In July, 1940, Mr. Paul Mellon gave to the college his Woodland Road estate, adjacent to the college campus, in memory of his father, the late Andrew W. Mellon. The spacious home is called Andrew Mellon Hall, and it has already become the social center for the college, the center for student activities, an upper-class dormitory, and headquarters for the classes in Home Economics. Another building on the Mellon estate is used for an Art Center. The estate of the late Edwin S. Fickes on Woodland Road was added to the campus in the spring of 1943.

Environment

Pennsylvania College for Women is situated on a hill crest of quiet, residential Woodland Road. The twenty-two-acre campus provides a natural amphitheatre for May Day fetes and ample grounds for athletic fields. The College is fifteen minutes from the Civic Center of Pittsburgh where students may enjoy concerts by the world's outstanding musicians, visit the art galleries of Carnegie Museum, and take advantage of the many resources of the Carnegie Library.

Affiliation

The College is included in the accepted list of the Association of American Universities, is on the accredited list of the Middle States Association of Colleges and Secondary Schools, and the American Association of University Women, and is recognized by the Pennsylvania State Department of Education.

Admission of Students

Admission to the Freshman Class

THE factors to be taken into consideration in the admission of students are: quality of preparation, amount of preparation, endorsement of the secondary school, personal qualifications, an interview (wherever possible), and scholastic aptitude. The Committee on Admissions places greater emphasis on the quality of work done and the general fitness of the applicant for college work than on the number of units offered in specific subjects. A unit implies the study of a subject for a time equivalent to five periods a week for one year.

Candidates may apply for admission under one of the following plans:

- I. A graduate of an accredited secondary school should present fifteen units, of which three units must be in English. Of the remaining twelve units, nine are required from the following fields: (1) Language: Latin, Greek, French, German, Italian, Spanish; (2) Mathematics: Algebra, Plane and Solid Geometry, Trigonometry; (3) Science: Biology, Botany, Chemistry, Physics, Zoology; (4) Social Studies. The other three units should be from subjects listed above. Any exceptions to this plan are subject to the approval of the Committee on Admissions. Special emphasis is placed upon the work of the upper three years in the secondary school. If modern language is presented for entrance, at least two units in one language should be submitted.
- II. Students graduating from accredited high schools in the state of Pennsylvania which are organized on the three-year senior high school basis must present a minimum program of thirteen units in the tenth, eleventh, and twelfth years, to be distributed as follows: (1) three units in English; (2) six units from the fields of Mathematics, Science, Social Studies, or Foreign Languages, with not less than two units in each field offered; (3) four units which may be presented as single units in the fields mentioned above; or two units from the above fields and two units elected from other fields. The acceptance of units from fields other than those named is subject to the approval of the Committee on Admissions.
- III. Applicants from progressive public and private secondary schools who have shown superior ability in their high school work, but

who cannot present the proper units for admission, may avail themselves of the opportunity of admission by examination. This examination will be a scholastic aptitude test. Note: This examination requirement does not apply to students coming from the group of Progressive Schools recommended by the Progressive Education Association, whose graduates we have agreed to accept on the same basis as students applying under (1), without examination.

Admission Procedure

An applicant for admission to the freshman class should write to the Dean of Pennsylvania College for Women for an application blank. When this has been returned to the college, together with the \$10.00 application fee, the college will send a form to the secondary school on which the academic record of the student will be recorded. This form should be sent to the college as early as possible in the student's secondary school course. Letters of recommendation will also be secured by the college from the high school.

When the preliminary records have been received and found satisfactory, the student will be notified that if her final grades are acceptable she will be admitted to the freshman class. When the complete record has been passed upon, the student will receive final notification of her acceptance.

Additional information will be sent the accepted student during the summer before entrance concerning choice of courses, and the opening days of college.

Proficiency tests will be given all members of the freshman class during the first week of college in September. These are in no sense entrance tests, but will be helpful to the college in the placement of students in certain courses, or in certain sections of courses.

Each applicant for admission to the freshman class should read carefully the objectives of the college on page 17 and the courses offered, and should feel free to write to the Dean for any additional information, or for an explanation of any material in the catalogue.

For the past two years a number of students graduating from high school in January have wished to enter upon their college work immediately. To meet this situation, which is connected closely with war conditions, P. C. W. has admitted a small class of freshmen at the beginning of the second semester and has planned a special curriculum for them. The college has carried on a summer program for this group so that by the September after entrance these students are

ready for the regular sophomore year. For the same reason, the college offered a summer program in 1943 for chemistry senior majors so that they might complete their course a semester ahead of their class.

Admission to Advanced Standing

Students who present credits from other accredited colleges whose entrance requirements and whose courses of study are equivalent to those of Pennsylvania College for Women may be admitted to advanced standing without examination.

Candidates for admission on advanced standing will be given tentative standing which will be made permanent after the satisfactory completion of one year's work in Pennsylvania College for Women.

An applicant for admission to advanced standing should observe the following procedure:

1. File an application on a form to be secured from Pennsylvania College for Women.
2. Send a statement giving the reason for leaving the present college, the reason for choosing Pennsylvania College for Women, and indicating the major subject.
3. Have the present college send an official transcript of the work taken there up to the time of making application.
4. Send a marked copy of the catalogue of the college attended, indicating the courses for which credit is desired.
5. Request the Dean of Women to send to the Dean of Pennsylvania College for Women a letter of personal recommendation.
6. At the close of the semester when entrance is desired, have the present college send,
 - (a) A final transcript of record.
 - (b) A statement of honorable dismissal.

Candidates for a degree must spend at least the senior year at Pennsylvania College for Women.

Admission of Special Students

Students of maturity, not candidates for a degree, are permitted to enter classes for which their previous training and experience have qualified them. Arrangements should be made by a personal interview with the Dean. Such students are subject to the same requirements as other students as to attendance, examinations, standing in class, and general regulations, if credit is desired for the work taken.

The Program of Studies

THE program of studies of Pennsylvania College for Women is designed to equip and train women to live vitally and responsibly in contemporary life. Such a program necessitates broad concepts of woman's part in the spiritual and civic life of home and community. A recent revision of the curriculum divides the program into two parts: the Lower Division, freshman and sophomore years, during which the student acquaints herself with many fields of human thought; and the Upper Division, junior and senior years, during which she concentrates in a field of particular interest.

Lower Division

The specific aims of the Lower Division are to assist the student:

1. To acquire effective habits and methods of study.
2. To acquire a wide range of information necessary to critical and objective thinking.
3. To develop artistic and aesthetic appreciation.
4. To acquire ability to make social adjustments.
5. To develop and maintain physical and mental health.
6. To stimulate intellectual curiosity and resourcefulness.
7. To prepare for intelligent and fruitful participation in the immediate and larger social order.
8. To foster spiritual and philosophical attitudes.
9. To discover and develop her own capacities and interests.

In order to meet the above stated objectives, the curriculum of the Lower Division is arranged in four groups:

GROUP I—*Arts*: Art, English language and literature, music, speech.

GROUP II—*Foreign Language and Literature*: French, German, Greek, Italian, Latin, Spanish.

GROUP III—*Sciences*: Astronomy, biology, botany, chemistry, geology and geography, home economics, mathematics, physics, psychology, zoology.

GROUP IV—*Social Studies*: Economics, education, history, philosophy, political science, religion, sociology.

Specific Requirements of the Lower Division

The specific requirements of the Lower Division are: English 1-2 (a freshman year requirement) *Speech 1-2, one year of a laboratory science, and two year-courses in physical education, including hygiene in the freshman year.

Students may secure exemption from the Speech requirement by applying for permission to take the proficiency test in this subject to be given at entrance and at the beginning of each successive semester.

Foreign Language Requirement

All students must either pass a reading test in one foreign language before graduation, preferably by the end of the sophomore year, or take two years of one language in college. Students may make application to take the reading test upon entrance if they have had superior preparation. However, the latter group will not be given college credit for the language in which they have passed a reading test, but may enter an advanced course in the language, or substitute another subject. Lower division students earning exemption from the language requirement need not choose another subject from Group II unless they wish to do so. These tests are given twice a year—at the opening of the college year in September and in May.

Freshmen will register for five courses, one to be selected from each of the four groups and one at large.

Sophomores will register for five courses, one to be selected from each of three groups and two at large. No student may select more than two courses from any one group, except with special permission from the Dean.

A student in the Lower Division may elect courses from the Upper Division, provided her preparation has fitted her for more advanced work, or provided she has a special interest in a particular field. A student in the Upper Division may occasionally elect courses from the Lower Division, if her adviser considers such courses essential to her chosen field of study.

Students taking applied music for credit will be given special consideration in the first two years to the extent that certain group requirements may be postponed.

The schedules of students in the Lower Division will be under the supervision of the Dean. At the end of the sophomore year each student will choose her major field. The head of her major department will then be her adviser.

In order to qualify for admission to the Upper Division a student must attain the required quality point average in the Lower Division

*Since several members of the Speech Department are on military leave, this requirement is waived for the present.

work. No certificate will be given upon completion of the Lower Division.

Upper Division

The objectives for the Upper Division, in addition to the continuation of those in the Lower Division, are:

1. To provide opportunity for the expression and development of creative ability.
2. To permit concentration in the field of the student's special interest and ability.
3. To give opportunity for pre-vocational and pre-professional preparation.
4. To provide a general college education for students who plan no further formal education.
5. To encourage students to continue their own education and to relate their knowledge and training to life—or to living.

Majors

Students gaining admission to the Upper Division may select a major from the following fields: biology, chemistry, inter-departmental science (natural science and pre-medical), education, English language and literature, home economics, modern language and literature, classical language and literature, history, mathematics, music (applied music and musical theory), psychology, sociology and economics, and speech.

Each department has its special requirements to which sufficient electives are added to complete the requisite number of hours for graduation. Students must select at least 12 semester hours of their major work from Upper Division Courses. Major requirements are listed at the beginning of the course offerings in each department.

Liberal Arts Major

Provision is made for a Liberal Arts Major. This major is offered for the student who does not plan to pursue graduate study. It cuts across departmental lines, making possible many combinations of courses. The Liberal Arts Majors will be under the supervision of an Advisory Committee, consisting of the Dean as Chairman, and one faculty member chosen from each of the four groups.

Each Liberal Arts Major must present a definite course pattern for approval by the faculty committee in charge of these majors, at the close of the sophomore year, and must select thirty semester hours from courses numbered over 100.

SUGGESTED PROGRAMS FOR THE LIBERAL ARTS MAJOR: A major in the following fields may be built up from a combination of subjects selected from those listed under each heading. Selection should be made with reference to the student's interests and objectives.

1. *Modern Community.* Contemporary history, economics, sociology, psychology, consumers' problems, child welfare, education for marriage, hygiene, genetics, contemporary art, religion, contemporary British and American poetry, music, art, etc.
2. *American Civilization.* American government, U. S. history, political science, sociology, labor problems, economics, the family, education for marriage, hygiene, psychology, music, art, American literature, etc.
3. *Home Making.* Family, child psychology and child development, genetics, education for marriage, hygiene, mental hygiene, chemistry, descriptive physics, bacteriology, educational psychology, consumers' problems, music, art, mathematics of finance, clothing and textiles, foods and nutrition, home management, home furnishings, etc.
4. *Comparative Literature.* English, French, German, Spanish, Italian literature.

Other combinations may be arranged to suit interests of the particular student involved.

Special Honors Work

A system of honors work provides an opportunity for individual study for the student who is outstanding in a special field.

The governing board of the system of honors work, called the *Committee on Honors Work*, consists of four members from the faculty, representing the four curriculum groups, with the Dean as chairman.

Students Eligible for Special Honors Work

Special honors work is permitted only to the student who has shown herself to be capable of individual and intensive work. She must have a weighted average of 3 at the end of the junior year and must maintain that average during her senior year. The field of honors work is defined as broadly as possible, so that the student may read in subjects related to her major subject. It is not considered research work.

In general, not more than ten per cent of any class can be eligible for special honors work. It may happen in a certain year that there will be no students in a given field who will qualify for the work; in other years there may be more than one. The only basis for selecting students is ability plus achievement.

Selection of students who shall do honors work is based on one of the following plans:

1. A student may be recommended by a majority of the members of the faculty with whom she has had class work.
2. A student may apply for honors work on her own initiative, in which case the recommendation of the majority of the members of the faculty with whom she has previously worked must be obtained by the Committee before she is eligible to be considered.

One of the standards by means of which selection is made is a scholastic aptitude test.

The Committee has the sole power to decide on the qualifications of the student on the basis of her record, the recommendations of her teachers, and the scholastic aptitude test. In the event that a student is voted by the Committee eligible for honors work, she is notified to that effect. She may or may not choose to do honors work.

Procedure for Special Honors Work

Special honors work is confined to the senior year, with six hours of credit a semester for the work. Recommendations are made to the Committee by members of the faculty on the basis of the first three years' work of the student concerned. Having decided to do honors work, the student chooses, with the approval of the Committee, the member of the faculty she wishes to direct her work. This faculty member has charge of the program of the student, again with the approval of the Committee, and meets the student at least once a week for conference during the time she is doing honors work. Other members of the faculty than the director may be asked, by the student herself if she so desires, to give information or aid in such subjects as may seem significant to the project undertaken. A weekly seminar is conducted by members of each department which candidates for both special and general honors are required to take.

The student doing honors work is required to do nine credit hours a semester of class work during the time she is doing honors work. That is, she is allowed six credit hours a semester for her honors work.

Special Commencement Honors

Special Commencement honors are awarded to the student who has fulfilled with distinction, in the opinion of the examining committee, the following requirements: a paper showing the results of her special study, an oral examination in her special field including a defense of her paper, and a comprehensive examination covering the field, the latter to be passed with a grade of not less than B.

General Commencement Honors

General Commencement honors are awarded on the basis of high average grades for the four-year course and a comprehensive examination given in May. A candidate for general honors must have a weighted average of not less than 3.25 at the end of her junior year, must maintain that average during her senior year, and must pass the comprehensive examination in her field with a grade of not less than B.

Sophomore Honors

Honors are awarded at the end of the sophomore year to the ten members of that class having the highest average in the work of the first two years.

Academic Regulations

The Degree of Bachelor of Arts

STUDENTS are recommended for the degree of Bachelor of Arts upon the satisfactory completion of one hundred and twenty semester hours of academic work, together with eight hours in Physical Education and Hygiene. The usual schedule consists of fifteen hours for each semester exclusive of the requirement in Physical Education.

A certain quality grade is required for graduation and, for the purpose of determining this quality grade, numerical values called "points" are given to the grade letters as follows: for grade A, four points for each semester hour of the course in which the grade is received; for grade B, three points; for grade C, two points; for grade D (passing), one point. In order to be recommended for the degree of Bachelor of Arts a student must have a weighted average of C for her one hundred and twenty hours. Students who do not have a cumulative average of C at the end of the third year will be advised not to enter the senior class.

The Degree of Bachelor of Science

Students are recommended for the degree of Bachelor of Science upon the satisfactory completion of a major in Chemistry or in Biology, of the five-year nursing course, and the course in pre-Dietetics.

Conditions and Failures

A student who receives a condition in any subject at the end of the semester may remove this condition by prescribed work and re-examination at the time set for special examinations in the spring or in the fall, or by the repetition of the course when next regularly given.

A student failing in the work of any course must repeat the course when next regularly given, or must take other work which requires the same number of hours; the course thus taken must conform to the regulations of the curriculum applicable to the course for which it is offered as a substitute.

Students who are conditioned in two courses at the end of a semester will be placed on probation for the following semester. If the stu-

dent shows marked improvement during the period of probation she becomes again a regular student at the end of that period; otherwise she loses class standing, but may continue with the work of the Lower Division by permission of the Scholarship Committee.

A student who is deficient in more than six hours of the required number of hours loses class standing at the end of the year and becomes unclassified until such time as this deficiency shall have been removed.

Any required work unavoidably omitted or not completed at the time when it is regularly scheduled must be taken the following year unless an exception is made by the Scholarship Committee.

Credit may not be given for one semester of a year course except by permission of the Dean and the instructor concerned.

The case of any student whose scholarship is generally unsatisfactory may be brought before the faculty for action and she may be excluded from college.

Instructors will use all reasonable means to inform a student of her liability to fail in a course, but the student must not regard the absence of such notification as a claim to exemption from a failure.

Reports and Grades

The letters A, B, C, D, E and F are used to designate academic standing. These grades have the following significance: A superior; B, good; C, fair; D, passing; E, condition; and F, failure. The plus and minus signs are used with the letters.

Reports will be sent to parents or guardians at the close of each semester during the freshman and sophomore years. Juniors and seniors may receive their grades from the Registrar on request.

Attendance at College Classes

Students having an average of B for the preceding college year are placed on the Dean's List, and are allowed unlimited cuts from classes. It is hoped that this will make for better scholarship and greater academic freedom for good students.

Each student, except those on the Dean's List, is expected to attend all scheduled meetings of her classes. However, to provide for certain emergencies, the following regulations with regard to absences from classes have been adopted by the Faculty:

Students will be allowed as many unexcused absences each semester in a course as there are hours of recitation a week in that course—

for example, a three-hour course may have three unexcused absences through the semester. This rule does not apply to laboratory work, which must be completed to receive credit in the course.

One unexcused absence in any course over the number allowed, unless an exception is made by the Dean, will debar the student from the final examination at the time scheduled. She may take the examination during the period set aside for re-examinations. Two unexcused absences in any course remove the student from that course, unless the case deserves special consideration.

The matter of excused absences will be handled by the Scholarship Committee and the faculty members involved in each case. This group will decide whether a student has missed so much work through illness that she cannot continue with the course.

Unexcused absences twenty-four hours before and twenty-four hours after the following vacations shall count as two absences in each course missed: Thanksgiving vacation, Christmas vacation, between semesters, spring vacation, and the last meeting of the classes for each semester.

Examinations

Examinations are given at the end of each semester. In case of absence from a regular examination, unless the reason for absence is illness, or unless the absence has been previously excused by the Dean, a student may not take the examination until the time set for special examinations in the spring or in the fall, and she will be charged a fee of \$2 for such examination.

Election of Courses

Election of courses for the following year is made in the first week of May. Changes may be made during the first two weeks of each semester, by permission of the Dean and departmental adviser. Changes made at any other time necessitate a special petition to the same authorities and the payment of a fee of \$1.

Summer Courses

Students wishing to receive college credit for summer courses must have the approval of the Dean and the department concerned both for the courses to be taken and for the college where such courses are to be taken.

Courses of Instruction

THE departments of instruction are arranged in alphabetical order of their titles. Courses in the Lower Division are indicated by numbers under 100; those in the Upper Division by numbers over 100.

Courses listed with two numbers—as English 1-2, History 1-2—are year courses, and credit is not given for one semester of such courses except with special permission of the Dean and the instructor.

The college reserves the right to withdraw any course which is not elected by at least six students. It furthermore reserves the right to make any changes in the curriculum made necessary by war conditions.

Art

SAMUEL ROSENBERG, A.B., Lecturer

1. HISTORY AND APPRECIATION OF ART. Outline of the development of art in Italy, the North, and Spain through the Renaissance. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. First semester (3). Given in alternate years; offered 1944-1945.
2. HISTORY AND APPRECIATION OF ART. Outline of the development of architecture, and painting in France, England, and America up to the present day, and in other countries from the Renaissance on. Lectures, readings, study of photographs, visits to Carnegie Museum. Open to all students. Second semester (3). Given in alternate years; offered 1944-1945.
- 5-6. DRAWING. Basic course, giving fundamentals in drawing from still life, cast, human figure. Acquaints the student with the various media, such as charcoal, pencil, water-color, oil, and tempera. First semester (1), second semester (1). An additional fee is charged for this course.

103-104. **DRAWING.** Application of material in Drawing 5-6 to composition and design. Continued sketching from figure with particular emphasis on the development of visual memory. First semester (1), second semester (1). Prerequisite: Drawing 5-6 or its equivalent. An additional fee is charged for this course.

Note: Art 1 and 2 must be taken in order to receive credit for Drawing.

Astronomy

(See Physical Sciences)

Biology

PHYLLIS C. MARTIN, Ph.D., Associate Professor

MARGARET T. DOUTT, Ph.D., Lecturer

KATHRYN CHALLINOR, M.S., Instructor

Students majoring in biology will be expected to take in

Biology: A minimum of four year-courses in the biological sciences, to be chosen in consultation with the head of the department; two years of the biology seminar.

Other sciences: Two year-courses, the choice dependent upon the particular field of biology chosen.

French and German: A reading knowledge is recommended.

1-2. GENERAL BIOLOGY. Studies in the structure, physiology, ecology, and heredity of animals and plants; the principal phyla with reference to their classification, evolutionary significance, and human relationships. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3), second semester (3). MRS. MARTIN.

Biology 1 and 2 fulfill the science requirement.

3. Hygiene. A study of personal and community hygiene, including anatomy, physiology, and hygiene of the human body, communicable diseases, and community and public health problems. Three lectures, two hours of laboratory work each week. Prerequisite: Biology 1 and 2. First semester (3). MRS. MARTIN.

4. NATURE STUDY. A study of the plants and animals of western Pennsylvania in relation to their environment, including their collection and identification. Two lectures, two hours of laboratory, and one four-hour field trip each week. Prerequisite: Biology 1 and 2. Second semester (3). MRS. MARTIN.

101. INVERTEBRATE ZOOLOGY. A study of representative invertebrate animals with consideration of the fundamental principles of biology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1945-1946.

102. VERTEBRATE ZOOLOGY. Dissection of the cat combined with discussion of mammalian anatomy. Prerequisite: Biology 1 and 2. Two

lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1945-1946.

103. BOTANY. Field and laboratory studies in the structure and identification of the algae, fungi, and mosses. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1945-1946.

104. BOTANY. Study of the structure and classification of the ferns and seed plants, with field work on the local flora. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1945-1946.

105. GENERAL BACTERIOLOGY. The characteristics of yeasts, molds, and bacteria, with emphasis on methods of laboratory technique and identification of bacteria. Prerequisite: Biology 1-2; Chemistry 1-2. Two lectures and four hours of laboratory each week. First semester (4). MISS CHALLINOR.

106. GENERAL BACTERIOLOGY. A study of the bacteria in air, water, soil, food, and disease, with their relation to human welfare. Prerequisite: Biology 105. Two lectures and four hours of laboratory work each week. Second semester (4). MISS CHALLINOR.

107. HISTOLOGY. Training in histological theory and technique in the study of animal tissues. Prerequisite: Biology 1-2; Biology 101-102 recommended. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1945-1946.

108. HISTOLOGY. Advanced training in histological theory and technique. Prerequisite: Biology 107. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1945-1946.

109. EVOLUTION AND HEREDITY. Study of the facts and theories of evolution, heredity, and cytology. Prerequisite: Biology 1 and 2. Two lectures and four hours of laboratory each week. First semester (4). Given in alternate years; offered 1944-1945.

110. EMBRYOLOGY. A study of the embryological development of animals. Prerequisite: Biology 1 and 2. Biology 102 and Biology 109 recommended. Two lectures and four hours of laboratory each week. Second semester (4). Given in alternate years; offered 1944-1945.

112. EDUCATION FOR MARRIAGE. Lectures and discussions covering problems and adjustments before and after marriage. Open only to juniors and seniors. Three lectures each week. Second semester (3). MRS. DOUTT.

113. HUMAN PHYSIOLOGY. The study of the physiological processes of the human body. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work each week. First semester (4). Given in alternate years; offered 1944-1945.

114. HUMAN DISEASES. The study of the common human diseases with special emphasis on parasitology. Prerequisite: Biology 113. Two lectures and four hours of laboratory work each week. Second semester (4). Given in alternate years; offered 1944-1945.

115. HORTICULTURE. Principles of home gardening with special reference to autumn activities. Prerequisite: Biology 1-2. Two lectures and four hours of laboratory work or practical gardening each week. First semester (4). Given in alternate years; offered 1944-1945. MRS. MARTIN.

116. HORTICULTURE. Principles and practice in flower and vegetable gardening. Two lectures and four hours of laboratory work or garden practice each week. Second semester (4). Given in alternate years; offered 1944-1945. MRS. MARTIN.

117-118. BIOLOGY SEMINAR. A coordinating course in preparation for the senior comprehensive examination in biology. Required of juniors and seniors majoring in biology. One hour each week. First semester (1), second semester (1). Biology Faculty.

119-120. SPECIAL STUDIES. Open to students who wish to do advanced work in certain fields. First and second semesters. Credits to be arranged. MRS. MARTIN, MRS. DOUTT, MISS CHALLINOR.

Interdepartmental Majors

In addition to fulfilling the general requirements for graduation, the student must complete one of the programs stipulated below.

A. NATURAL SCIENCE MAJOR. This major is recommended for students preparing to teach science in secondary schools. The science requirements are:

1. Two years each of two of the following sciences: botany, chemistry, physics, and zoology.
2. One year each of the two required sciences not so elected.
3. Biology or Chemistry seminar.

B. PREMEDICAL MAJOR. Students who wish to prepare to enter medical school will elect this major. The courses listed below are based on the requirements of medical schools of the highest rating: Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 102.

The student must further elect such courses as are requested by the particular medical school which she desires to enter. For this reason it is imperative that she make such a choice before her junior year.

Cooperative Course in Training for Medical Technology

Pennsylvania College for Women conducts a cooperative course in medical technology with the Montefiore Hospital in Pittsburgh. The course consists of four years at Pennsylvania College for Women followed by a fifth year at the Montefiore Hospital. The program is based upon the requirements of the Board of Registry of Medical Technologists of the American Society of Clinical Pathologists. During her four years at Pennsylvania College for Women, the student takes Chemistry 1-2, Chemistry 3-4, Chemistry 105-106, Physics 3-4, Biology 1-2, Biology 105-106, and two years of either Chemistry or Biology seminar, and a number of electives. After receiving her Bachelor of Science degree, she spends twelve months at the Montefiore Hospital taking the prescribed curriculum. Upon satisfactorily passing an examination given by the Board of Registry, she is registered as a Medical Technologist of the American Society of Clinical Pathologists.

Chemistry
(See Natural Sciences)

Economics
(See Sociology)

Education

JAMES S. KINDER, Ph.D., Professor

HAROLD L. HOLBROOK, Ph.D., Director of Adjustment Institute

JO HAILEY COTTON, A.M., Instructor

Students majoring in education are expected to take in

Education: A minimum of twenty-four semester hours, including Education 1-2, 3-4, 101-102, and 108.

Psychology: Psychology 1-2, and 101.

Other fields: Students preparing to teach in secondary schools should select at least eighteen hours from each of two academic fields.

1. INTRODUCTION TO EDUCATION. A reading and discussion course of the principles, ideals, and practices in the American public school system. Prerequisite or co-requisite: Psychology 1. First semester (3). MR. KINDER.

2. INTRODUCTION TO TEACHING IN SECONDARY SCHOOLS. A study of the secondary school with emphasis upon methods of teaching and classroom procedure. Second semester (3). MR. KINDER.

3-4. ELEMENTARY EDUCATION.

(a) Teaching arithmetic: The application of principles to the teaching of arithmetic. (2)

(b) Teaching reading: The application of principles of teaching and learning in the basic arts of communication. Emphasis on experience as the approach. Recommended for secondary and elementary school teachers. (2)

(c) Teaching the social studies: Application of principles of teaching and learning in the field of the social studies. Discussion and evaluation of recent courses of study. The use of local resources and excursions (2). Given in alternate years; offered 1945-1946.

5. TEACHING AND LEARNING IN THE ELEMENTARY SCHOOL: An analysis of the educative process. Emphasis upon education of the "whole child" and other principles of progressive practice. One semester (2). Given in alternate years; offered 1944-1945. MRS. COTTON.

6. FUNDAMENTALS OF GEOGRAPHY. This course seeks to develop an understanding of geography as the science of interrelationship between man and his natural environment through a study of world

patterns of occupation, soil, climate, vegetation, topography, and resources. The course will stress both the knowledge and skill necessary to present this material to children. Given in alternate years; offered 1944-1945.

7-8. SURVEY OF EDUCATIONAL THOUGHT. (A Reading Course) Education as a means of individual and social improvement. Origin of modern problems, practices, and educational institutions. Contributions of the various nations; relationship between the political and educational development. Conference method. By special arrangement with instructor. Limited to six students. First semester (3), or second semester (3). **MR. KINDER.**

9-10. ARTS AND CRAFTS IN THE ELEMENTARY SCHOOL. A course designed to give students practical experience in the arts and crafts usually taught in the elementary school and summer camps. Acquaints the student with various materials and their range of possibilities in activities involving construction, drawing, design and color. Lectures and laboratory work. First semester (2), Second semester (2). Given in alternate years; offered 1944-1945. **MRS. COTTON.**

101. OBSERVATION AND PRACTICE TEACHING. During the first semester, the student serves each day as teaching assistant in her elected major, in one of the nearby public schools, at first only preparing the regular class assignments and assisting in minor teaching details, later working into the routine of marking tests and daily written work, helping individual pupils and groups of pupils with extra work, and finally, after some weeks of observation, teaching the class. The student follows the line set forth by the regular teacher, and is directly under the college supervisor. In addition, the student participates in scheduled conferences at the College with the supervisor. Prerequisites: Education 1 and Psychology 2. Specific permission must be obtained in order to register for this course, and registrants are not permitted to carry more than fifteen hours of college credit. First semester (9). **MR. KINDER.**

102. EDUCATIONAL TESTS AND MEASUREMENTS. The history and development of educational measurement. Emphasis on giving tests and on analysis and interpretation of results. A consideration of means of improving ordinary classroom tests. Prerequisite: Education 1. Second semester (3). Given in alternate years; offered 1945-1946.

104. SCHOOL ADMINISTRATION AND SUPERVISION. Analysis of the problems of the administrator and the supervisor in the modern school system. Plan of federal, state, and local educational agencies stressed. Visits will be made to a number of selected schools. Second semester (3). Offered when elected by a sufficient number of students.

106. EDUCATIONAL SOCIOLOGY. A sociological consideration of schools and education: aims, curriculum, method. Recitations, lectures, reports. Second semester (3). Given in alternate years; offered 1944-1945. MR. KINDER.

108. OBSERVATION OF TEACHING. Designed for elementary teachers. Object is to acquaint students with school routine before student teaching is begun, and to assure a more extended contact with children. The observations will be correlated with assigned readings and followed by conferences. Open to juniors. Second semester (1). MR. KINDER.

110. VISUAL-SENSORY AIDS. The place of visual and other sensory aids in the learning process. The State course of study will be followed. Topics: research; historical background; verbalism; projectors, still and motion pictures; school journeys; object-specimen-models; museum procedure; pictorial materials; photography; blackboard-bulletin board techniques; television; bibliography. Two lectures and two hours of laboratory work each week. Occasional trips. Second semester (3). MR. KINDER.

111-112. SEMINAR IN EDUCATION. Readings, investigation, and forum discussion of topics in education and psychology, with emphasis on current research. Open to advanced students in education and psychology. First semester (1), second semester (1). EDUCATION FACULTY.

113-114. MENTAL HYGIENE. Lectures, group discussions, supplementary reading, and personal application of mental hygiene under rational controlled conditions. The general plan of the course will include the meaning of the field of mental hygiene, behavior from hygiene point of view, disturbances, biological foundations of mental hygiene, personality variations, the home, the school, and the career. First semester (2), second semester (2). MR. HOLBROOK.

Requirements for Recommendation for State Certification

Students are recommended to any state for secondary school certification when they satisfactorily complete the specific requirements of that state, with all requirements for the bachelor's degree. Students are recommended for certification for elementary school teaching when they have completed the elementary curriculum, and satisfied the requirements for the bachelor's degree.

In Pennsylvania the minimum education requirements for the college provisional certificate for secondary school teaching are: Psychol-

ogy 2, Education 1 and 101, with six other semester hours in education, including special methods courses (not to exceed three hours). In addition it is necessary to have completed at least eighteen semester hours in each subject in which the student wishes to be certified to teach. United States History and the History of Pennsylvania are required for all teachers in the public schools of the state.

Students interested in teaching in the elementary school should consult the head of the department of education during the freshman year. Certification for the elementary school necessitates the completion of the special elementary curriculum. Students interested in the teaching of music should consult the head of the music department during the freshman year. Those considering teaching in the elementary school will find the statement in *Careers of Distinction* helpful.

English Composition and Literature

CARLL W. DOXSEE, Ph.D., Professor

HAZEL COLE SHUPP, Ph.D., Associate Professor

MARY I. SHAMBURGER, A.M., Assistant Professor

VIVIAN M. RAND, A.M., Instructor

English 1-2 is required of all freshmen, except in certain cases in which admission to English 3-4 is permitted, at the discretion of the department, to freshmen whose preparatory work in English has been of especially high quality.

Students majoring in English will be expected to take a minimum of twenty-four hours in the department, exclusive of English 1-2, which is not to be considered part of the major. For English majors, English 5-6 is prerequisite to all advanced courses in English literature. Eighteen hours shall be in the Upper Division and shall include at least two courses in English literature. Courses in the Upper Division are arranged in groups. English majors must elect one course from each of Groups A, B, and C. A course in Group D is recommended, together with courses from the fields of history, language, philosophy according to the interest of the student. Election is to be made only upon consultation with the head of the department.

Group A. Shakespeare

Comparative Drama

Milton and the Seventeenth Century

Group B. Chaucer

Eighteenth Century Literature

The Novel

Victorian Literature

The Romantic Movement in English Poetry

Group C. General Writing
Creative Writing
Journalistic and Magazine Writing

Group D. Contemporary Poetry
American Literature
Reading Course in Contemporary Thought

1-2. FRESHMAN ENGLISH. The purpose of the course is to teach clear and correct expression in writing. Reading of various types of literature to stimulate thought and to furnish examples of craftsmanship. Writing of themes, short and long, on subjects of personal experience, explanation of ideas, and critical comment. First semester (3), second semester (3). MISS SHAMBURGER, MRS. RAND.

Students who make a grade of D in the second semester of this course must carry an English course during the sophomore year.

5-6. INTRODUCTION TO ENGLISH LITERATURE. Readings and lectures on the history of English Literature, with classroom discussion of representative works illustrative of different periods and types. Primarily for sophomores; open to freshmen. First semester (3), second semester (3). MR. DOXSEE, MRS. SHUPP.

101-102. GENERAL WRITING. Critical theory; evaluation and appreciation of modern and contemporary writings. Practice in writing reviews, criticisms, appreciations. First semester (3), second semester (3). MRS. SHUPP.

103-104. CREATIVE WRITING. Experimentation with various types of original composition such as the short story and the personal essay. Intensive practice in the type of writing best suited to the ability and preference of each student. Conferences and class criticism. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

107-108. JOURNALISTIC AND MAGAZINE WRITING. First semester, news and feature writing, newspaper techniques and practice. Second semester, stories and feature articles slanted toward magazine publication. Students who are reporters, feature and copy writers, proof-readers, etc., for the *Arrow* may present successful work for the paper as part of their class work, for which they will receive credit. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. MRS. SHUPP.

109. THE ROMANTIC MOVEMENT IN ENGLISH POETRY. Wordsworth, Coleridge, Byron, Shelley, Keats, with special attention to the intellectual, political, and social movements of the time. First semester (3). Given in alternate years; offered 1945-1946.

110. VICTORIAN LITERATURE. Victorian thought as reflected in the work of leading writers: Carlyle, Ruskin, Arnold, Huxley, Tennyson, Browning, Morris, and Swinburne. Second semester (3). Given in alternate years; offered 1945-1946.

113-114. COMPARATIVE DRAMA. Studies in the development of the drama from its origin to the present day. Extensive readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; omitted 1944-1945.

115-116. THE NOVEL. Studies in the development of English fiction. Assigned readings, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1945-1946. MR. DOXSEE.

117. CHAUCER. *Troilus and Cressida* and the *Canterbury Tales*; the mediaeval romance and other sources. First semester (3). Given in alternate years; offered 1944-1945. MRS. SHUPP.

119-120. INTRODUCTION TO AMERICAN LITERATURE. A general survey of American literature from colonial times to the present day. Assigned readings, lectures, discussions, and reports. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

121-122. CONTEMPORARY BRITISH AND AMERICAN POETRY. Comprehensive reading, informal discussion, and reports. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. MR. DOXSEE.

118-124. EIGHTEENTH CENTURY LITERATURE. A study of the temper, prevailing ideas, manners, and customs of the neo-classical period as shown in the work of Defoe, Swift, and Pope. Second semester (3). Given in alternate years; offered 1944-1945. MRS. SHUPP.

125-126. SEVENTEENTH CENTURY POETRY AND PROSE. The first semester will be a study of an age in transition, presented mainly through the innovations of Donne and Jonson in poetry, and of Raleigh, Bacon, Browne, Burton, and Hobbes in prose. A briefer survey of Cavalier and religious poetry will precede the study of Milton in the second semester. The character and genius of the poet, as influenced by the political and religious conflict of the time, will be emphasized. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. MISS SHAMBURGER.

127-128. READING COURSE IN CONTEMPORARY THOUGHT. Readings in contemporary prose in such fields as biography, social criticism, religion, politics, and the like. Conferences and reports. First semester (3), second semester (3). The group will be limited to ten and elec-

tion can be made only after consultation with the instructor. Offered 1944-1945. MR. DOXSEE.

129-130. SHAKESPEARE. Intensive study of selected plays. Background and criticism. Special consideration of methods of presenting plays which will be helpful for students who are planning to teach in secondary schools. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

131-132. A COORDINATING COURSE in preparation for the senior comprehensive in English. First semester (1), second semester (1). English faculty.

Family Living

(Home Economics)

IRMA AYERS, M.S., Instructor

The Department of Home Economics at Pennsylvania College for Women was established in 1941 with headquarters in Andrew Mellon Hall. The Department offers specific preparation for work in Home and Family Living and Pre-Dietetics. It also provides broadly humanistic training in the practical problems of food, budget, clothing, furnishings, and child development which are significant for every woman who is to be a home maker.

Students majoring in Family Living are expected to take the following Family Living courses, beginning in the sophomore year: 1, 2, 3, 4, 101, 102, 103, 104. Other courses in science, psychology, and sociology will be chosen in consultation with the head of the department.

Any student in college is encouraged to elect from the following courses offered by the department:

1. PERSONAL CLOTHING PROBLEMS. Grooming, the care of clothing, the choice and use of color and design in relation to the individual needs of the college girl. First semester (3).

NOTE: A student may schedule one semester's work in the area of clothing, only by special permission of the instructor.

2. SELECTION OF CLOTHING AND TEXTILES. Designed to develop judgment in clothing selection, and a greater appreciation of good workmanship in apparel; conservation of clothing; buying aids; the clothing budget; textile fibers and fabrics. The appreciation of the principles of garment construction. Prerequisite: Family Living 1. Two lectures and one two-hour laboratory each week. Second semester (3).

- 3-4. **FOODS AND NUTRITION.** The principles of nutrition as they influence the daily choice and use of food by the individual and the family. Principles and fundamental processes of food preparation. Planning, preparing, and serving of family meals in wartime. Two lectures and one three-hour laboratory each week. First semester (3), second semester (3).
- 101-102. **CHILD DEVELOPMENT.** The factors which aid in promoting the growth and development of the child. The daily schedule, food and clothing requirements, desirable habit formation, and mental, emotional, and social development. Observation and experience in guiding and supervising young children will be provided. First semester (3); second semester (3). Given in alternate years; offered 1945-1946.
103. **HOME MANAGEMENT.** Present-day family in terms of size, composition, income, housing, and expenditures. Management of the resources of the home as a means toward a better understanding of the problems of family living. Selection, care, and use of home equipment. Two lectures and one two-hour laboratory each week. First semester (3). Given in alternate years; offered 1944-1945.
104. **HOME FURNISHINGS.** Principles of home furnishings and their application to specific problems of selection and arrangement. Two lectures and one two-hour laboratory each week. Second semester (3). Given in alternate years; offered 1944-1945.

French Language and Literature

*MARION GRIGGS, Ph.D.

MARGUERITE MAINSSONNAT OWENS, A.M. } Assistant Professors

HELENE ROELOFS GILL, A.M., Instructor

Students majoring in a modern language will be expected to take a minimum of twenty-four hours in the language chosen, of which twelve hours shall be in the Upper Division. It is recommended that in addition courses be taken in history, English literature, economics, psychology, philosophy, music or art. A second language is strongly recommended.

1-2. **ELEMENTARY FRENCH.** Designed for students who are beginning the study of French or whose previous preparation is felt to be inadequate. Pronunciation, elements of grammar, vocabulary assimilation, oral and aural drill, intensive and extensive reading. First semester (3), second semester (3). MISS GRIGGS or MRS. GILL.

*On leave of absence.

3-4. **INTERMEDIATE FRENCH.** Designed for students who wish to develop the ability to read French and for those who wish to continue the study of French. Oral and aural work, vocabulary acquisition, review of the fundamentals of grammar, intensive and extensive reading. First semester (3), second semester (3). Miss GRIGGS or Mrs. GILL.

5-6. **AN INTRODUCTION TO FRANCE.** Geographical, historical, and literary background. Great steps in French civilization leading to modern time. The people and the institutions. Illustrative reading in French and English. First semester (3), second semester (3). Mrs. OWENS.

107-108. **LITERATURE OF THE SEVENTEENTH CENTURY.** Literary and social aspects of the seventeenth century. Special emphasis on Corneille, Racine and Moliere. Prerequisite: French 3-4 or 5-6 or equivalent. First semester (3), second semester (3). Miss GRIGGS.

109-110. **LITERATURE OF THE EIGHTEENTH CENTURY.** Literary and social aspects of the eighteenth century. Special emphasis on the philosophers. Collateral readings and reports. Prerequisite: French 5-6 or 107-108. First semester (3), second semester (3). Mrs. OWENS.

111-112. **LITERATURE OF THE NINETEENTH CENTURY.** Literary and social aspects of the nineteenth century. Critical study of representative writers. Poetry, drama, novel, and criticism. Prerequisite: French 107-108 or 109-110. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

115-116. **THE MODERN NOVEL.** Development and tendencies. Extensive readings in French, oral reports in French. Special emphasis on Proust, Gide, Jules Romains and other post-war novelists. Prerequisite: French 107-108, 109-110 or 111-112. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. Mrs. OWENS.

118. **THE TEACHING OF FRENCH.** For students who wish to be recommended to teach. The first few weeks deal with language teaching in general and may be audited by students of any foreign language. The remainder of the time is devoted to special problems in teaching French. Prerequisite: French 107-108. Second semester (2). Omitted in 1944-1945.

119. **CONVERSATION.** Development of self-confidence in expressing ideas in French. Drill in the increase of oral vocabulary, *causeries* about everyday life, discussions, informal debates. Analytical study of pronunciation and use of recording phonograph. Open to all students. First semester (2) or (3). Mrs. OWENS.

122. COMPOSITION. For students who want to master the difficulties of written French. Translation of texts from English into French; discussion of the translations based on grammatical review. Individual composition. Prerequisite: French 5-6 or 107-108. Second semester (2) or (3). MRS. OWENS.

125-126. A COORDINATING COURSE in preparation for the senior comprehensive in French. First semester (1), second semester (1). French faculty.

Geography

(See Education)

Geology

(See Physical Sciences)

German Language and Literature

ELIZABETH PIEL, Ph.D., Assistant Professor

For the requirements for a major in a modern language see page 39.

1-2. ELEMENTARY GERMAN. Fundamentals of German grammar, introduction to reading, composition, and conversation. Open to students who do not present German at entrance. First semester (3), second semester (3).

3-4. INTERMEDIATE GERMAN. Review and continued study of grammar, and its application in composition. Reading of modern German literature. Prerequisite: German 1-2 or its equivalent. First semester (3), second semester (3).

S3-S4. SCIENTIFIC GERMAN. Reading in scientific German, with assigned readings in the student's major field. Readings in military German for the duration of the war. Written and oral reports. Prerequisite: German 1-2. First semester (3), second semester (3).

105-106. CLASSICAL PERIOD IN GERMAN LITERATURE. A survey of German literature from its beginnings to the present day, with special emphasis given to the Classical Period. A critical study of Lessing, Goethe, and Schiller. Reading of plays. Reports. Prerequisite: German 3-4. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

107. ROMANTIC PERIOD OF GERMAN LITERATURE. Readings, reports and discussions. Prerequisite: German 3-4. First semester (3). Given in alternate years; offered 1945-1946.

108. MODERN GERMAN LITERATURE. Readings, reports, and discussions. Prerequisite: German 3-4. Second semester (3). Given in alternate years; offered 1945-1946.

109-110. ADVANCED GERMAN. Composition and conversation. Review of grammar; composition based on assigned topics. Discussions in German. Prerequisite: German 3-4. First semester (2), second semester (2).

*Greek Language and Literature

Requirements for students majoring in the classics are stated in connection with the requirements of the Latin Department.

1-2. ELEMENTARY GREEK. Grammar, composition. Xenophon: Selections from the Anabasis or the Memorabilia. Open to all students. First semester (3), second semester (3). Omitted 1943-1944.

3-4. CLASSICAL CIVILIZATION. A survey of the life and thought of the Greeks and Romans based upon the literature of the classical period. Open to all students. A knowledge of the classical languages is not required. First semester (3), second semester (3). Omitted 1943-1944.

*See note under Latin.

History and Political Science

ANNA L. EVANS, Ph.D., Professor

LABERTA DYSART, A.M. } Assistant Professors
EFFIE L. WALKER, A.M. }

Students majoring in history and political science will be expected to take in

HISTORY: Twenty-four hours, including History 1-2, and eighteen additional hours six of which must be in English literature, and twelve in other humanities or in the social sciences, when such arrangements are approved by the head of the department; the selection depending chiefly upon previous preparation and end in view. Major students will be expected to take a general course in two of the five recognized divisions of historical study. The five divisions are: 1. Ancient; 2. Mediaeval; 3. Modern European; 4. English; 5. American.

OTHER FIELDS: A reading knowledge of French, German, Latin or Spanish is strongly recommended.

EARLY EUROPEAN HISTORY

1-2. HISTORY OF WESTERN CIVILIZATION. A survey of cultural developments from the beginning of civilization to the present day. Prerequisite for majors in history unless excused by the head of the department. First semester (3), second semester (3). MISS EVANS, MISS DYSART.

103. HISTORY OF THE ANCIENT ORIENT AND THE GREEK STATES. A study of the origin and development of civilization in the ancient Near East, followed by a survey of political, economic, and cultural developments among the Greeks. Prerequisite: History 1-2. First semester (3). MISS DYSART.

104. HISTORY OF ROME TO 476 A.D. A study of the rise of Rome to a world power and the decline of that power; economic and social problems, and cultural developments in the Roman state. Prerequisite: History 1-2. Second semester (3). MISS DYSART.

105-106. MEDIAEVAL AND EARLY MODERN EUROPEAN HISTORY. A survey of the leading political, intellectual, social, and economic movements from the Decline of the Roman Empire to 1789. Prerequisite: History 1-2. First semester (3), second semester (3). MISS DYSART.

MODERN EUROPEAN HISTORY

109-110. HISTORY OF ENGLAND AND GREAT BRITAIN. The political, social, and economic history of England, from the Renaissance to the present time. Not open to freshmen. First semester (3), second semester (3). MISS EVANS.

111-112. FRENCH REVOLUTION AND THE NAPOLEONIC PERIOD. The conditions of France from the 15th century to 1789. The progress and results of the Revolution and its constitutional phases. The rise of Napoleon with the constitutional and dynamic changes and the permanent results of the period. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

113-114. HISTORY OF RUSSIA. Russian internal developments from the origin of the Kievan state to the present time with special emphasis on the revolution of 1917 and the Soviet régime since that date. Not open to freshmen. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. MISS EVANS.

115. EUROPE SINCE 1815. The political, social and cultural history of Europe from the Congress of Vienna to 1870. Prerequisite: History

1-2 except with the permission of the instructor. First semester (3). MISS EVANS.

116. EUROPE SINCE 1870. Political and social reform; cultural, scientific, and economic movements; the expansion of Europe; the World War and the countries after the War to the present time. Prerequisite: History 1-2 except with the permission of the instructor. Second semester (3). MISS EVANS.

117. SEMINAR IN MODERN EUROPEAN HISTORY. International Relations. China and Japan. Open to history majors and to others by special permission. Second semester (2) or (3). MISS EVANS.

119-120. A COORDINATING COURSE in preparation for the senior comprehensive in history. First semester (1), second semester (1). History faculty.

AMERICAN HISTORY

121-122. HISTORY OF THE UNITED STATES. A general survey of the colonial and national history of the United States. Prerequisite: History 1-2, except with permission of the instructor. First semester (3), second semester (3). MISS WALKER.

123-124. THE HISTORY OF LATIN AMERICA. A general course dealing with the aboriginal background, the colonial origins, and the national development of the Latin-American states, with emphasis on the relations of the U. S. with the region. Not open to freshmen. First semester (3), second semester (3). MISS WALKER.

126. SEMINAR. HISTORY OF PENNSYLVANIA. Open to students who have taken History 121-122. Required of students who are planning to teach in Pennsylvania. Second Semester (2). Given in alternate years; offered 1943-1944. MISS WALKER.

Political Science

3-4. AMERICAN GOVERNMENT. A general survey of American government—national, state, and local. First semester (3), second semester (3). MISS WALKER.

127-128. COMPARATIVE GOVERNMENT. A comparative study of the government of the United States, the parliamentary democracies of Great Britain and France, and the dictatorial régimes of Fascist Italy, National Socialist Germany, and the Soviet Union. Open to sophomore, juniors, and seniors. First semester (3), second semester (3). Given in alternate years; omitted 1944-1945.

129-130. **PUBLIC ADMINISTRATION.** This course deals with public administration as a function and is not pointed toward any particular level of American or foreign government. Topics include: executive, legislative, judicial, and political party controls; forms of administrative procedures; organization and personnel problems; special consideration of selected phases of administration, including social insurance, health, and public expenditures. The course is designed for students interested in problems of government and to meet the needs of those planning to qualify for public service. Prerequisite: Political Science 3-4 or 123-124 or the consent of the instructor. Given in alternate years; omitted 1944-1945.

Home Economics (See Family Living)

*Latin Language and Literature

Students majoring in Latin will be expected to elect courses in Latin and/or Greek in appropriate sequence under the guidance of the head of the department. The number of such courses will be dependent upon the number of units of Latin presented for entrance. Such students are expected to take Greek 3-4 and one course in Latin composition.

Other fields: History 103-104. A reading knowledge of French and German is strongly recommended.

1-2. **CICERO, OVID, LIVY, HORACE.** CICERO: selections from the letters, *De Amicitia* or *De Senectute*; or Ovid: *Metamorphoses*. Livy: selections from books I, XXI. Horace: *Odes* and *Epodes*. Open to students who present three or four units of Latin. First semester (3), second semester (3).

3. **PLAUTUS AND TERENCE.** Selected plays. A study of the development of Roman comedy. First semester (3). Given in alternate years; offered 1944-1945.

4. **HORACE: SATIRES AND EPISTLES.** Second semester (3). Given in alternate years; offered 1944-1945.

101. **TACITUS, JUVENAL.** A study of Roman society under the early empire. First semester (3). Given in alternate years; offered 1945-1946.

*For the present these courses will not be offered at P. C. W. due to small elections in the department. Arrangements will be made for a student to take such courses in another institution when desired.

102. CATULLUS, TIBULLUS, PROPERTIUS, OVID. A study of Roman lyric and elegiac poetry. Second semester (3). Given in alternate years; offered 1945-1946.

103. THE TOPOGRAPHY AND MONUMENTS OF ROME. Open to all students. First semester (2). Given in alternate years; offered 1945-1946.

104. PRIVATE LIFE OF THE ROMANS. Open to all students. Second semester. (2). Given in alternate years; offered 1945-1946.

105-106. LATIN SELECTIONS. A translation course offering readings from Pliny, Ovid, and Martial, illustrative of Roman mythology, topography, and life. Supplementary to Latin 103-104. First semester (1), second semester (1). Given in alternate years; offered 1945-1946.

107. TEACHER TRAINING COURSE IN LATIN. A study of aims and objectives, of methods and textbooks; organization of units of subject matter; rapid reading of authors usually read in secondary schools; exercises in prose composition. First semester (1), second semester (1). Given in alternate years; offered 1944-1945.

Mathematics

*HELEN CALKINS, Ph.D., Professor

ELIZABETH MARSHALL SEITZ, B.A., Assistant Professor

Students majoring in mathematics will be expected to take in

MATHEMATICS: Courses 1-2, 5-6, 101, 102, 105, 106, or 110.

1-2. AN INTRODUCTION TO MATHEMATICAL ANALYSIS. A unified course in the essential concepts of college algebra, trigonometry, and analytical geometry. First semester (3), second semester (3).

3. ELEMENTARY STATISTICS. An introduction to the recent methods of statistical analysis and interpretation, with many illustrations taken from the fields of biology, psychology, education and economics; graphic representation; averages; measures of dispersion; skewness; excess; curve fitting; correlation; theory of sampling; index numbers. First semester (3).

4. MATHEMATICS OF BUSINESS. Percentage and its applications to business; insurance; business of the home; interest and discount; finance companies and installment buying; stocks and bonds; public finance; annuities. Second semester (3).

*On leave of absence.

5-6. ELEMENTARY DIFFERENTIAL AND INTEGRAL CALCULUS. A study of (1) the operations of differentiation and integration of algebraic and ordinary transcendental functions and (2) their applications to geometry and motion. Prerequisite: Mathematics 1-2. First semester (3), second semester (3).

101. ANALYTICAL GEOMETRY OF TWO AND THREE DIMENSIONS. A study of the properties of (1) lines and conics in a plane and (2) lines, planes, and quadric surfaces in space. Prerequisite: Mathematics 1-2. First semester (3). Given in alternate years; offered 1945-1946.

102. THEORY OF EQUATIONS AND DETERMINANTS. A course based on Dickson's "Theory of Equations." Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1945-1946.

104. THE TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. A study of (1) the function of mathematics in the junior and senior high school curriculum, and (2) the methods of classroom procedure. Prerequisite: Mathematics 5-6. Second semester (3). Given in alternate years; offered 1944-1945.

105-106. ADVANCED DIFFERENTIAL AND INTEGRAL CALCULUS. A continuation of Mathematics 5-6. Prerequisite: Mathematics 5-6. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

110. COLLEGE GEOMETRY. A second course in plane Euclidean geometry; geometric constructions; properties of the triangle; the Simson line; transversals; harmonic section; harmonic properties of circles; inversions; recent geometry of the triangle. Prerequisite: Mathematics 1-2. Second semester (3). Given in alternate years; offered 1944-1945.

111-112. A COORDINATING COURSE in preparation for the senior comprehensive in mathematics. First semester (1), second semester (1).

Music

HELENE WELKER, A.B. } Assistant Professors
LILLIE B. HELD, A.M. }

RALPH LEWANDO }
GERTRUDE NORTHRUP AYARS, Mus.B. } Instructors
EARL B. COLLINS, Mus.B. }
BERNICE AUSTIN, Mus.B. }

Students may major either in applied music or in theory of music.

Students majoring in applied music will be expected to take in

MUSIC: The following minimum in theory and appreciation courses: Theory 1-2, 3-4, 7-8, 101-102, 103-104, and two additional hours in appreciation plus the minimum requirements in the chosen field of applied music which are: for a major in piano, sixteen hours; for an organ or a violin major, fourteen hours in the major and two hours in piano; for a voice major, fourteen hours in voice, two hours in piano, and two years' membership in the chorus. A student doing her major work in applied music will be required to take a minimum of two half-hour lessons a week.

Students majoring in theory will be expected to take in

MUSIC: The following minimum: Theory 1-2, 3-4, 7-8, 101-102, 103-104, plus two additional hours in appreciation; a minimum of eight hours in applied music.

Students majoring in applied music or theory will be expected to take at least one year in modern dance. They are advised to take in

OTHER FIELDS: Courses in modern languages, English literature, history, history of art, psychology, science, and education. Elections are to be made upon consultation with the head of the department.

CREDIT FOR APPLIED MUSIC is based on practice and on theory and appreciation courses. One semester credit is given for three hours of practice a week, two semester credits for six hours of practice a week, etc., provided the prescribed theory and appreciation courses are taken. To secure credits for applied music a theory course must accompany each of the first two years of applied music study. A theory or an appreciation course must accompany each of the last two years of applied music study. Theory 1-2 is required in the freshman year, and Theory 3-4 in the sophomore year of all students taking applied music for credit.

A few competitive scholarships are available in applied music.

Examinations for these will be given in the spring or early in the first semester.

Attendance at work shops and recitals is expected of all students in the department.

It is the purpose of the Music Department to give the student a thorough musical training, and also to provide the cultural background desirable for the profession.

The Music Department maintains in addition to the regular college work in music:

1. A Children's Department in *Piano* for children from the age of three. The preliminary work consists of rhythmic training, singing, rote playing, creative work, etc., and is carried on in classes. When the child's sense of pitch and rhythm has been sufficiently developed, he begins the actual piano instruction, which is given in private lessons or in small classes. The work in ear training is continued.
2. A College-Preparatory Department in Piano, Voice, and Organ for students of intermediate age (from 14 to college age).
3. An Adult Department for students beyond college age. Private and class lessons in piano, organ, violin, and voice are available to this group. Lessons are scheduled during the day or in the evening.

For charges for the above, see page 80.

Theory

1-2. THEORY. Ear training, sight singing, dictation, keyboard work. The presentation of simple harmonic material. The study of musical elements, form, etc., through aural analysis of representative compositions. Class meets five hours a week. Open to all students. Required of all students in the first year of applied music. First semester (4), second semester (4). MISS HELD, MISS WELKER.

3-4. THEORY. A continuation of Theory 1-2 using more difficult material. Class meets four hours a week. Required of all students in the second year of applied music. Prerequisite: Theory 1-2. First semester (3), second semester (3). MISS HELD, MISS WELKER.

101-102. ADVANCED THEORY. A continuation of Theory 3-4 using more difficult material. Composition. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

103-104. COUNTERPOINT. Counterpoint in two, three, and four parts. Analysis of polyphonic style as exemplified by the masters. Composition in contrapuntal style. Keyboard work. Prerequisite: Theory 3-4. First semester (3), second semester (3). Given in alternate years; offered 1944-1945. MISS HELD, MISS WELKER.

Appreciation

The following courses are offered as a substitute for the three-hour course in Appreciation of Music formerly listed in the catalogue.

Note: Courses 5, 7, 105 (or 107) may be taken concurrently as a three-hour course in Appreciation of Music.

Courses 6, 8, 106 (or 108) may be taken in this way also.

5. THE ART OF LISTENING. A course designed to develop intelligent appreciation through the study of musical elements such as rhythm, melody, harmony, tone color, musical texture. Aural analysis of representative compositions. Note: This course is included in Theory 1. Open to all students. First semester (1). MISS HELD.

6. THE ART OF LISTENING. Introduction to form. A course designed to develop intelligent appreciation of form in music through aural analysis of compositions played. Note: This course is included in Theory 2. Open to all students. Second semester (1). MISS HELD.

7. SYMPHONIC LITERATURE. A course correlated as far as possible with the series of concerts given during the year by the Pittsburgh Symphony Orchestra, and designed as a background for them. Instruments of the orchestra. The development of the orchestra. A survey of orchestral literature and forms from the seventeenth century to the time of Beethoven. Subscription to symphony concerts urged. Open to all students. First semester (1). MISS HELD.

8. SYMPHONIC LITERATURE. A continuation of 7. A survey of orchestral literature and forms from the time of Beethoven up to the twentieth century. Open to all students. Second semester (1). MISS HELD.

105. SONG. The rise of secular song. A study of folk music and its influence through the years on formal music. Open to all students. Given in alternate years; offered 1945-1946. First semester (1).

106. ART SONG. The development of the song as an art form. A survey of the literature in the field. Open to all students. Given in alternate years; offered 1945-1946. Second semester (1).

107. CONTEMPORARY MUSIC. A study of the chief trends in music since 1900. Analysis of works of some of the leading composers of

the century. Open to all students. Given in alternate years; offered 1944-1945. First semester (1). MISS HELD.

108. AMERICAN MUSIC. A survey of American music from colonial times to the present day with special emphasis on native sources from which composers of this country may draw their inspiration. Open to all students. Given in alternate years; offered 1944-1945. Second semester (1). MISS HELD.

Music Education

109-110. ELEMENTARY SCHOOL MUSIC. Aims and objectives, principles, methods, and materials in the teaching of music in the elementary grades. Designed for students interested in elementary education. First semester (2), second semester (2). Given in alternate years; offered 1945-1946.

111-112. PRACTICE TEACHING IN THEORY. Opportunity is given to advanced students, when qualified, to assist in teaching Theory 1-2. Observation, conferences. Hours and credits to be determined by individual student's load and the needs of the department. MISS HELD, MISS WELKER. Note: This course has no connection with the Department of Education, and does not satisfy the requirements of practice teaching as set forth by that department for public school majors.

*113-114. TEACHER TRAINING COURSE IN PIANO. Principles of progressive music teaching with special reference to the piano. Special fee. First semester (1), second semester (1). MISS BERNICE AUSTIN.

*115-116. CHURCH CHOIR DIRECTING AND REPERTOIRE. Fundamentals of directing. Study of standard repertoire, including chants, polyphonic, Russian, and modern music. Practice directing. Special fee. First semester (1), second semester (1). MR. COLLINS.

*For special fees for these courses see p. 80.

*Applied Music

PIANO 1-2, 3-4, 101-102, 103-104. The mastery of the essentials of good technique including tone, phrasing, pedaling, etc., combined with the systematic study of representative works from the classical, romantic, and modern schools. Students of all degrees of proficiency are admitted. Instruction is adapted to the needs of the individual. MISS WELKER.

*For credit in applied music see p. 48.

ORGAN 1-2, 3-4, 101-102, 103-104. Training for both professional and cultural purposes; special training for church organists; opportunity for practical application in performance at chapel and vesper services. Open to beginners and advanced students. MR. COLLINS.

VIOLIN 1-2, 3-4, 101-102, 103-104. The violin course embraces a progressive procedure of study adapted to the actual technical and musical needs of the student; the selection of study material and a method of practice conducive to definite achievement in the playing of solo, chamber, and orchestra music of all schools of composition. Students are encouraged to study the viola in order to develop as performers and participants in chamber and orchestral music. MR. LEWANDO.

VOICE 1-2, 3-4, 101-102, 103-104. The comprehensive study of the art of singing for the beginning as well as the advanced student, stressing the liberation of the voice through the correct control of breath and throat; diction, rhythm, and phrasing; repertoire chosen from the classic, romantic, and modern schools to suit the particular talent of each student. MRS. AYARS.

OTHER INSTRUMENTS. Arrangements can be made to study viola, cello, bass viol, flute, clarinet, oboe, and other instruments not specified above. Students who do not have instruments of their own may rent them or buy them on the installment plan from the college.

PIANO, VOICE, VIOLIN, ORGAN CLASS. Classes in the foregoing are available for students who have not the time for the more intensive work required in private lessons. One semester hour's credit is given, provided the work is accompanied by the prescribed theory course.

There are special charges for all the courses listed above. See page 80.

CHORUS. Training in choral singing to the end of greater appreciation. Study of the best music available for women's voices. Emphasis on beauty of tone, diction, phrasing. Attendance required at all functions in which the Chorus takes part. Open to all students who pass a simple test. Chorus meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MRS. AYARS.

INSTRUMENTAL ENSEMBLE. Training in ensemble playing. The group consists of strings, woodwinds, piano, organ, and various small combinations of these. Open to students who can play some instrument. Ensemble meets two hours a week. First semester ($\frac{1}{2}$), second semester ($\frac{1}{2}$). MISS HELD.

Note: Students may not elect (except with special permission) more than one of the following courses in the same year:

Chorus

Instrumental Ensemble

Nursing Education

(Five-Year Nursing Programs)

Pennsylvania College for Women conducts a five-year nursing program in cooperation with two Pittsburgh hospitals: Allegheny General and the Presbyterian. The details of the two programs differ somewhat; for instance, the student at Allegheny General works two and a half years at Pennsylvania College for Women with summer work at the hospital, then two years in residence at the hospital, with a final half year at the college; while the Presbyterian Hospital program calls for three consecutive years at the college with summer work at the hospital followed by two years' residence work at the hospital. The Presbyterian Hospital has a unit of the United States Cadet Nurse Corps. (See *Careers of Distinction* for details of five year nursing programs.)

The Allegheny General Hospital has discontinued its affiliation with the college for the duration of the war, except to carry on those students who have already spent a summer in the hospital. War conditions have made this action necessary.

Philosophy

CARLL W. DOXSEE, Ph.D.

1-2. **THE HISTORY OF PHILOSOPHY.** A survey of the rise and development of philosophic thought in Europe. Readings, discussions, and reports. Open to sophomores, juniors, and seniors. First semester (3), second semester (3). Omitted 1944-1945.

3. **LOGIC.** An introductory study with exercises in application and criticism. Open to sophomores, juniors, and seniors. First semester (3). Offered 1944-1945.

4. **ETHICS.** An examination of various types of ethical theory together with discussion of characteristic modern ethical problems. Open to sophomores, juniors, and seniors. Second semester (3). Offered 1944-1945.

Physical Education

MARGARET MACLACHLAN, A.B.	} Instructors
JEAN F. DICKEY	
MARGARET DIGNAN ROBSON, B.S.	

Medical and physical examinations are required of freshmen, sophomores, students entering from other colleges, and those juniors and seniors participating in sports. The examining physician recommends

to each student the form of physical education which will be most beneficial to her.

Physical education is required of all freshmen and sophomores. Hygiene is required of all first-year students. It is recommended that the upper classmen register for physical education classes.

In an effort to co-operate with the government in the Physical Fitness Program, one hour of gymnastics, in addition to the general program, is required of all freshmen and sophomores during the winter term.

Every student taking the required physical education courses must purchase a regulation outfit. This outfit is secured before college opens from dealers who handle the uniform adopted by the Physical Education Department.

The Athletic Association, under the supervision of the Physical Education Department, arranges inter-class competitive athletics and, in Andrew Mellon pool, recreational swimming and Red Cross Life Saving classes.

1-3, 4-6. Sports, Dancing, and Gymnastics.

On the basis of the student's ability, physical condition and past experience, classes are formed to provide for the development of skill and for recreational value in each activity taken throughout the year. All freshmen are required to take hockey in the fall term. After this requirement has been met, the student has a complete choice of any activity which is offered by the department.

The fall term includes work in hockey, archery, and swimming. Basketball, volley ball, badminton, bowling, modern dance, swimming, and gymnastics are offered in the winter, and tennis, archery, baseball, swimming, riding, and modern dance in the spring.

Required of freshmen and sophomores—Two class meetings a week; 3 hours of credit throughout the year.

101 or 102. HYGIENE.

Lectures, discussions and individual conferences on anatomy, physiology, personal and community health in relation to daily living.

Required of Freshmen—One hour of credit.

103. METHODS.

Methods and principles of teaching health education, health service, and physical education in the elementary grades. Open to juniors and seniors. First semester (2).

104. PLAYS AND GAMES.

A study of games and folk dances which will be found practical in social service and playground work, also for recreational leaders in summer camps. Open to juniors and seniors. Recommended for students of elementary education. Second semester (2).

106. PHYSICAL EDUCATION. Given in alternate years; offered 1945-1946.

Methods and technique of teaching physical education. One hour of theory and two hours of practice in coaching and officiating in sports.

Given each year provided three or more sign for the course. Second semester (2).

Physical Sciences

EARL K. WALLACE, Ph.D., Professor

T. F. JACOBY, Ph.D., Instructor

SUSAN WOOLDRIDGE, A.B., Laboratory Assistant

Astronomy

1-2. DESCRIPTIVE ASTRONOMY. An elementary course dealing with the study of the solar and stellar systems. The work includes the development of astronomy as well as the methods by which astronomical facts are ascertained. The laboratory periods will be spent in solving astronomical problems, in making telescopic observations, in studying charts and photographs. Two lectures, one recitation and one two-hour laboratory period a week. First semester (3), second semester (3). Given in cooperation with Buhl Planetarium and Institute of Popular Science. Offered 1944-1945. MR. JACOBY.

Astronomy 1-2 fulfills the science requirement.

Chemistry

Students majoring in chemistry will take Chemistry 1, 2, 3, 4, 105, 106, 111, and 112 together with courses from other departments in fulfillment of the general requirements for graduation. Additional required courses are dependent on the particular field which the candidate wishes to enter. They are as follows:

- (a) Graduate study: Chemistry 107, 109, 110, courses in physics, biology, mathematics 1, 2, 5, and 6, German and French.

- (b) Industrial laboratory work: Chemistry 107, 108, 109, 110, physics, and mathematics.
- (c) Health and medical laboratory work: Chemistry 107, 108, biology 1-2, bacteriology, and histology.
- (d) Chemical library and secretarial work: mathematics, economics, English composition and literature, history, German, French, shorthand and typewriting.

1-2. **INORGANIC CHEMISTRY.** The fundamental chemical principles and theories in conjunction with the study of metallic and non-metallic elements and their compounds.

The laboratory groups are divided into two sections: one section for students who are beginning the study of chemistry, and the other for students who have had a course in chemistry in preparatory school. Two lectures, one recitation, and one two-hour laboratory period each week. First semester (3). Second semester (3). MR. WALLACE.

Chemistry 1-2 fulfills the science requirement.

3. **QUALITATIVE ANALYSIS.** A comprehensive study of theory and laboratory practice involving the separation and identification of basic and acidic ions and radicals, by the semimicro technique. Theory includes solutions, mass action, electrolytic dissociation, chemical equilibria, and oxidation-reduction reactions. Prerequisite: Chemistry 2. Two lectures, one recitation, and six hours of laboratory work per week. First semester (4). MR. JACOBY, MISS WOOLDRIDGE.

4. **QUANTITATIVE ANALYSIS.** The theory and practice of gravimetric and volumetric analysis. The principles, errors, applications, and representative problems for precipitation, acidimetry, alkalimetry and oxidation-reduction determinations will be studied. Prerequisite: Chemistry 3. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. JACOBY, MISS WOOLDRIDGE.

105. **ORGANIC CHEMISTRY.** A brief study of the preparations, reactions, and properties of the classes of aliphatic and aromatic compounds. Laboratory work: preparations and tests of organic compounds. Prerequisite: Chemistry 1-2. Two lectures, one recitation, and five hours of laboratory work. First semester (4). MR. WALLACE.

106. **ORGANIC CHEMISTRY.** Extensive comparison and contrast between aliphatic and aromatic compounds. Laboratory work: organic preparations and qualitative analysis of organic compounds and mixtures. Prerequisite: Chemistry 105. Two lectures, one recitation, and five hours of laboratory work. Second semester (4). MR. WALLACE.

107. **ADVANCED QUANTITATIVE ANALYSIS.** Chemistry of foods and food products. Analyses, by standard methods, of carbohydrates, fats, proteins, etc., in raw and manufactured products. Prerequisite: Chemistry 4 and Chemistry 106. Two lectures, and eight hours of laboratory work. First semester (4). MR. WALLACE.

108. **BIOCHEMISTRY.** The chemistry of foodstuffs relative to body metabolism and requirements for normal nutrition. Experimental study of carbohydrates, fats, proteins, and of animal metabolism including the analysis of body fluids, tissues, and catabolic products. Prerequisite: Chemistry 4 and 106. Two lectures, one recitation, and six hours of laboratory work. Second semester (4). MR. WALLACE.

109-110. **PHYSICAL CHEMISTRY.** A study of properties of gases, liquids, solids, and solutions; thermochemistry; chemical kinetics; electrical conductance; and atomic theory. Prerequisite: Chemistry 4. —Calculus advised. Two lectures, one recitation, and six hours of laboratory work. First semester (4), second semester (4). MR. JACOBY, MISS WOOLDRIDGE.

111-112. **CHEMISTRY SEMINAR.** Discussion of topics of interest in physical science. Required of juniors and seniors majoring in chemistry. Open to any student who has completed Chemistry 3-4 or 105-106. A part of the time is utilized in preparing for the senior comprehensive in chemistry. One hour a week. First semester (1), second semester (1). **CHEMISTRY AND PHYSICS FACULTY.**

Majors in Dietetics may take Chemistry 4 after completing Chemistry 2, and Chemistry 108 after completing Chemistry 4 and Chemistry 105.

Geology

1-2. **FUNDAMENTALS OF GEOLOGY.** A study of earth materials and processes acting on the atmosphere, hydrosphere, and the lithosphere. Two lectures, one recitation, and one two-hour laboratory period or field trip a week. First semester (3). Second semester (3). Given in alternate years; omitted 1944-1945.

Geology 1-2 fulfills the science requirement.

Physics

1-2. **DESCRIPTIVE PHYSICS.** A broad general course for those who do not intend to major in one of the sciences. Applications to everyday life are emphasized. Two lectures, one recitation, and one two-

hour laboratory period a week. First semester (3), second semester (3). Physics 1-2 fulfills the science requirement. MR. JACOBY.

3-4. GENERAL PHYSICS. Principles and applications of mechanics, sound, heat, electricity, magnetism and light; introduction to modern physics. Chemistry majors and nursing education students electing physics will take this course. Two lectures, one recitation, one problem class, and one three-hour laboratory period a week. First semester (4), second semester (4). MR. JACOBY.

FOR INTERDEPARTMENTAL MAJOR and PRE-MEDICAL MAJOR see p. 31.

Political Science

(See History)

Psychology

LOIS E. KRAMER, A.B., Instructor

Students majoring in psychology are expected to take the following courses: Psychology 1-2a, 101, 102, 103, 104, 105-106, Mathematics 3 (statistics), Education 102.

1-2a. GENERAL PSYCHOLOGY. A general introduction to the scientific study and understanding of human behavior. This course is required for further work in the department. Open to sophomores, juniors, and seniors. First semester (3), second semester (3).

2b. EDUCATIONAL PSYCHOLOGY. A course designed especially for those students planning to enter the educational field. Emphasis upon the application of psychological principles to educational problems. May be substituted for Psychology 2a. Second semester (3).

101. PSYCHOLOGY OF CHILDHOOD AND ADOLESCENCE. The study of the development of motor abilities, language, understanding, social and emotional behavior and attitudes; special emphasis throughout upon the prevention of maladjustment. Prerequisite: Psychology 1. First semester (3).

102. PERSONNEL PSYCHOLOGY. Course designed to familiarize the student with the objectives, methods and tools of the personnel worker in education and industry. Special attention will be given to educational and vocational guidance at the secondary and college level. Prerequisites: Psychology 1, Mathematics 3. Second semester (3).

103. SOCIAL PSYCHOLOGY. A study of individual behavior as it is affected by the social environment. This course aims to give the stu-

dent a better understanding of the factors determining her own behavior in relation to others, of certain broad social problems and of methods of social control. Prerequisite: Psychology 1. First semester (3). Given in alternate years; offered 1944-1945.

104. **INDIVIDUAL DIFFERENCES.** An analysis of the extent and significance of differences in abilities within and between individuals; a consideration of factors relating to these individual differences in potentiality and achievement. Prerequisite: Psychology 1. Second semester (3). Given in alternate years; offered 1944-1945.

105. **SEMINAR IN PSYCHOLOGY.** A seminar conducted primarily for majors in the department. First semester's work will deal with the historical background of scientific psychology, including discussions of various systems of psychology. Second semester will include reviews of recent contributions to various fields of psychology. May be elected only with permission of the instructor. First semester (3), second semester (3). Given in alternate years; offered 1945-1946.

107. **READINGS IN PSYCHOLOGY.** Course of directed readings designed to provide more intensive work in the field of the student's interest. May be elected only with permission of the instructor. Credit arranged.

Religious Education

N. R. HIGH MOOR, M.A., D.D., Lecturer

1. **RELIGION.** The history of the birth and life and death of the Hebrew Commonwealth. A reviewing of the thought and customs of the contemporaries of the Hebrew; the study of an analyzation of the philosophical, sociological, and economic forces at work within the Hebrew Commonwealth; a noting of the part that legend, tradition, and great historic characters played in the formation and life of the Hebrews. First semester (3). Given in alternate years; offered 1944-1945.

2. **RELIGION.** A study and interpretation of the Life of Jesus; His creative and progressive influence on society. Second semester (3). Given in alternate years; offered 1944-1945.

3. **RELIGION.** A study in the practical application of religion to the meeting and solving of problems, individual and social, that affect us. Also, a study of the religious trend and emphasis in modern essays, poetry, writings, and editorials. First semester (3). Given in alternate years; offered 1945-1946.

4. **RELIGION.** The study of hymns, orations, and stories in Biblical literature, with a view, not only to the appreciation of their literary merit, but for the underlying message and its historical background and its significance in the light of modern problems. Second semester (3). Given in alternate years; offered 1945-1946.

Secretarial Studies

DOROTHY J. AYERS, B.S., Instructor

Students planning to enter the secretarial field are advised to elect courses in English composition, economics, general psychology, and statistics.

1-2. **TYPEWRITING.** Instruction given in the technique of operating the typewriter and in the development of speed and accuracy. Arrangement of business letters, tabulations, manuscripts, office forms, and mimeographing. Course open to students desiring to prepare for secretarial work using their liberal arts training as a background and also to those desiring a working knowledge of typewriting for personal needs. Meets three hours a week. First semester (1), second semester (1). No credit unless taken in conjunction with Shorthand 101-102.

Section A: Open only to students who have had no previous instruction in typewriting.

Section B: Prerequisite: Meet requirements of Typewriting I.

3-4. **ELEMENTARY ACCOUNTING.** A study of the basic principles and practices of accounting procedure as they apply to modern business practice, including the theory of double-entry bookkeeping, simple balance sheets and income statements, controlling accounts, and various accounting records. Through the solving of problems and the keeping of practice sets, students apply the principles studied. First semester (3), second semester (3).

101-102. **SHORTHAND.** An intensive course in the mastery of the principles of Gregg shorthand. Students who register for Shorthand 101-102 must also register for Typewriting 1-2 unless they have had this course or its equivalent. Meets three hours a week. Open only to juniors and seniors. First semester (2), second semester (2).

103-104. **STENOGRAPHY AND OFFICE PRACTICE.** Advanced dictation and transcription. Study and practice in the varied duties of a secretary, instruction and practice in the use of office equipment such as the mimeograph, dictaphone, etc. Filing, indexing, handling of gen-

eral correspondence. Six hours recitation weekly. Prerequisites: Shorthand 101-102 and Typewriting 1-2, or their equivalents. First semester (3), second semester (3).

Sociology and Economics

EDWARD W. MONTGOMERY, Ph.D., Professor

JOHN W. MAY, A.M., Assistant Professor

The minimum requirements for a major in sociology and economics are: twenty-four semester hours in sociology and economics, which shall include Sociology 1-2, Economics 1-2, and Sociology 109; three semester hours in either political science or psychology; and three semester hours in statistics.

Sociology 1-2 and Economics 1-2, or the consent of the instructor, are prerequisites for all other courses in the Department.

Sociology

1. **PRINCIPLES OF SOCIOLOGY.** The purpose of this course is to introduce the student to the idea of a scientific study of social phenomena, to familiarize her with the more important sociological concepts, and to describe the more important characteristics of contemporary society. First semester (3). MR. MONTGOMERY.

2. **SOCIAL PROBLEMS.** An analysis of contemporary social problems from the points of view of extent, causes, and possibilities of correction. Second semester (3). MR. MONTGOMERY.

101. **POPULATION PROBLEMS.** Early population theories and practices; factors affecting the rate of growth and density of population; population trends; consequences of differential rates of growth; racial composition of the United States and other countries. World population and world markets; food supply; resources; population policies of various countries. First semester (3). Given in alternate years; offered 1944-1945. MR. MONTGOMERY.

102. **CHILD WELFARE.** A study of the problems of needy children—dependency, neglect, physical and mental handicaps, behavior and personality problems, and child labor—with particular emphasis on contemporary child welfare programs. Second semester (3). Given in alternate years; offered 1944-1945. MR. MONTGOMERY.

103. **THE CITY.** This course covers such topics as the rise of modern cities, the ecology of the modern city, urban institutions and social organization, social disorganization, and personality adjustment in

the modern city. First semester (3). Given in alternate years; offered 1945-1946.

104. **POVERTY.** A study of the extent, causes, and consequences of poverty, and an analysis of social work and of various proposals for social reform as methods of dealing with the problems of poverty. Second semester (3). Given in alternate years; offered 1945-1946.

105. **THE FAMILY.** Forms and functions of the family in different societies. Social, economic, and other factors affecting family relationships, with particular reference to contemporary trends and problems. First semester (3). MR. MONTGOMERY.

106. **CRIME AND ITS SOCIAL TREATMENT.** A study of juvenile and adult delinquency, police and court systems, penal and reformatory institutions, probation and parole, and methods of preventing delinquency. Second semester (3). Given in alternate years; offered 1945-1946.

108. **SOCIAL CONTROL.** A study of mores, religion, propaganda, advertising, education, and other devices out of which uniformities in behavior and thinking develop and by means of which conformity to social codes is secured. Second semester (3). Given in alternate years; offered 1944-1945. MR. MONTGOMERY.

109. **SOCIOLOGY SEMINAR.** Consideration of contemporary social thought with particular reference to the interrelationships of the several fields of sociology and of the relationship of sociology to other disciplines. Second semester (3). MR. MONTGOMERY.

Economics

1-2. **ELEMENTARY ECONOMICS.** A study of the development and characteristics of economic production and an analysis of demand, supply, price, money, banking, foreign exchanges and tariffs. A study of the distribution of wealth and income, methods of economic regulation and control, and problems of social reorganization. First semester (3), second semester (3). MR. MAY.

4. **THE CONSUMER IN MODERN SOCIETY.** This course is built on the practical need for preparing students to become intelligent consumers. Appreciation and mastery of the technique of making wise choices are emphasized through study and analysis of consumers' problems. Second semester (3). Given in alternate years; offered 1943-1944. MR. MAY.

101. **LABOR PROBLEMS.** An analysis of the relations of workers with one another, with employers and with the State. A study of

labor organizations, personnel work, and labor legislation. First semester (3). MR. MAY.

102. **ECONOMICS OF WAR.** An analysis of the economic problems inherent in a wartime economy. A study of economic organization for war, economic methods of warfare, strategic materials, problems of reconversion and postwar economic plans. Second semester (3). MR. MAY.

103. **BUSINESS AND GOVERNMENT.** A study of the relation of government to modern business enterprise. The government's function as both regulator and adjuster of business. Special emphasis on recent measures of regulation including war regimentation. First semester (3). MR. MAY.

Spanish Language and Literature

RUTH E. STAPLES, A.M., Assistant Professor.

The requirements for students majoring in a modern language are stated in connection with the requirements of the French Department.

1-2. **ELEMENTARY SPANISH.** Study of the fundamentals of grammar. Reading of easy texts dealing with Hispanic civilization. Conversation based upon texts read. Open to students who have had no Spanish, or one year of high school Spanish. First semester (3), second semester (3).

3-4. **INTERMEDIATE SPANISH.** Readings in modern Spanish and Spanish-American literature, particularly representative short stories and novels. Study of syntax, composition, and conversation. Open to students who have presented two or three units of Spanish at entrance or who have taken Spanish 1-2 or its equivalent. First semester (3), second semester (3).

107-108. **HISTORY OF SPANISH LITERATURE FROM THE ORIGINS THROUGH THE GOLDEN AGE.** Critical study of Cervantes, Lope de Vega, Calderon, Tirso de Molina, Ruiz de Alarcon, and the Picaresque novel. Collateral readings and reports. Prerequisite: Spanish 3-4 or its equivalent. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

109-110. **HISTORY OF SPANISH LITERATURE FROM THE GOLDEN AGE TO THE PRESENT TIME.** Literary and social aspects of the different periods. Critical study of the modern novel and drama. Collateral readings and reports. First semester (3), second semester (3). Prerequisite: Spanish 3-4 or its equivalent. Given in alternate years; offered 1945-1946.

Speech

†MARGARET ROBB, Ph.D., Associate Professor

*CARROLL C. ARNOLD, Ph.D.

GEORGE B. KIMBERLY

PHYLLIS MARSHALL FERGUSON, M.A. } Instructors

ELIZABETH KIMBERLY, A.B.

EDITH WARMAN SKINNER, M.A. }

Students majoring in the Speech Department will be expected to take in

Speech: A minimum of twenty-four semester hours exclusive of Speech 1-2, and including Speech 3-4 and 107-108.

Other Fields: Two year courses in English literature, and Physical Education 17-18 or 19-20 and 101-102.

1-2. FUNDAMENTALS OF SPEECH. A general introductory course including the re-education of speech habits; improvement of everyday speech; practice in public speaking; interpretation of different forms of literature; and the study of phonetics. Required of all students in the Lower Division who have not passed the achievement test. First semester (3), second semester (3). MRS. FERGUSON.

3-4. ORAL INTERPRETATION OF LITERATURE. The objective of this course is an understanding and appreciation of literature through reading it aloud. It includes the interpretation of various forms of literature: poetry, prose, and the drama. Prerequisite or co-requisite: Speech 1-2. First semester (3), second semester (3). MRS. FERGUSON.

5-6. PUBLIC DISCUSSION. The study of clear, orderly, and logical presentation of ideas; practice in extemporaneous speaking and various forms of discussion and debate. Students who have completed this course may register for the second semester of a following year, with a three hour credit. Prerequisite: Speech 1-2. First semester (3), second semester (3). Instructor to be announced.

7. RADIO BROADCASTING. A survey of the past, present position, and future possibilities of radio as a medium of education, entertainment, and salesmanship; experimentation with techniques in present use; special problems in program planning and production. Prerequisite: Speech 1-2. First semester (3). Instructor to be announced.

8. RADIO WORKSHOP. Experimentation in planning, writing, and producing a variety of program types; intensive study of radio talks,

†On leave with the American Red Cross.

*On military leave.

announcing, interpretation of literature, and acting. Prerequisite: Speech 1-2. Second semester (3). Instructor to be announced.

101-102. STAGECRAFT. A lecture and laboratory course in designing and executing stage scenery. First semester (2), second semester (2). MR. KIMBERLY.

103-104. ACTING AND COSTUMING. A study of drama and its presentation on the stage; practice in acting, costume design, and make-up. First semester (2), second semester (2). MRS. KIMBERLY.

105-106. CHILDREN'S LITERATURE. A study of the different types of traditional and modern literature for children; practice in story-telling and creative dramatics. Prerequisite: Speech 1-2. First semester (3), second semester (3). Given in alternate years; offered 1944-1945.

107-108. SPEECH CORRECTION. A study of the symptoms, etiology, and therapy of all minor speech and voice defects and disorders. Clinical demonstrations. Prerequisite: Speech 1-2. First semester (2), second semester (2). Offered 1945-1946. MRS. SKINNER.

General Information

Location

THE College is situated on Woodland Road in the residential part of Pittsburgh, near the East Liberty and Squirrel Hill districts. Trains from the east stop at the East Liberty station which is approximately a mile and a half from the college. Students arriving from the west come into the Pennsylvania station, the Pittsburgh and Lake Erie, or the Baltimore and Ohio, all of which are in the downtown part of the city. A taxicab makes the trip to the college in about twenty minutes.

Buildings

BERRY HALL, the administration building, was acquired as a part of the property when the College was founded. It was then a dignified and spacious family residence. It has been remodeled and much enlarged to fit it for college purposes. Its wide central staircase and hall, high ceilings, and fine old woodwork create an atmosphere of gracious and homelike individuality which the College desires to maintain.

WOODLAND HALL, a modern, fireproof dormitory, well furnished, attractive and comfortable—housing 100 students—is situated on the crest of the campus, surrounded by trees and overlooking the amphitheatre.

JAMES LAUGHLIN MEMORIAL LIBRARY was opened in January 1932, and provides ample accommodations for faculty and student needs. The book stacks are open to the students who have free access to the 26,827 volumes in the library. During the academic year the library is open from eight to half past five, and also from seven to ten in the evening, every day in the week except Saturday. It is open from eight to three on Saturday and from two to five on Sunday.

LOUISE C. BUHL HALL OF SCIENCE, completed in January 1931, houses the departments of biology, chemistry, physics, and psychology. Each department has laboratories, preparation rooms, offices, and lecture rooms. It contains a large science library and seminar room. The equipment throughout is the most modern and complete obtainable.

Since January, 1941, approximately 2,500 men and women have been trained in the laboratories of Buhl Hall in the fundamentals of chemical techniques. These courses, designed to prepare workers for participation in war industry, have been sponsored by the government

Engineering Science and Management War Training program. The P. C. W. laboratories have also been used by two groups of women students who have been trained by the Glenn L. Martin Aircraft Company in airplane drafting, mechanics, mathematics, and shop practice preliminary to further training and employment by the Glenn L. Martin plant in Baltimore, Maryland.

ANDREW MELLON HALL was given to the College by Mr. Paul Mellon in July, 1940, and was first occupied by the College in December of that year. It is a dignified and beautiful mansion containing approximately thirty rooms, a thoroughly equipped swimming pool of the regulation size, bowling alleys, a recreation room and student social centers. Here also are rooms for the classes in Home Economics, the Alumnae Association, the Faculty Club, and various college organizations. A limited number of resident students have rooms in this hall.

FICKES HALL. The estate of the late Edwin S. Fickes on Woodland Road was added to the campus in the spring of 1943.

DILWORTH HALL, one of the oldest buildings, has classrooms and the assembly hall.

THE GYMNASIUM is fitted with the most approved modern apparatus.

ART CENTER. A building on the Mellon Estate has been remodelled and thoroughly equipped to serve the departments of music, art, and modern dancing. On the first floor there is a recital hall with a seating capacity of 200, suitable for small recitals and for classes in modern dance, an art studio, a piano studio, and theory room. On the second floor are voice and violin studios and practice rooms.

THE PRESIDENT'S HOME, adjacent to Woodland Hall, plays a large part in the social life of the students.

THE COLLEGE has recently acquired an astronomical telescope built by the late Dr. John Brashear. The instrument is a six-inch refractor, and is equipped with clockwork drive as well as the usual manual controls. This mechanism allows the continuous observation of planets and stars in their diurnal motion. In addition, a system of mirrors for photographic work is part of the equipment. The complete assembly was designed and built by one of the recognized masters of fine instrument construction; it is a valuable addition to the equipment of the science department.

Residence

Life in the dormitories is an essential part of the College educational program, for it is here that the students have opportunity to practise the art of living together. Residents of the dormitories are responsible for establishing and maintaining satisfactory social conditions in the house. They elect their own officers who cooperate with the resident hostesses and with the administration in the promotion of their academic and social interests.

In Woodland Hall the drawing rooms, the sun parlor, the large verandas, the dining room with small tables and well-served meals, are part of the atmosphere of a large home.

Rooms in Woodland Hall are reserved in the order in which application for them is received. The rooms in Andrew Mellon Hall are reserved for upper classmen. The rooms in Fickes Hall are reserved for under classmen. All returning students must pay a room reservation fee of \$10.00 by May 15. Room reservation fees for students who do not return will be refunded only if the college is notified by August 15 of their intention to withdraw. The fee is credited for all returning students on the second semester's bill.

Residence in the dormitories is required of all students who do not live at home. Any exception to this regulation must be granted by the Dean.

Each student may have ten nights a semester away from the dormitories. It is expected that these will be taken over weekends unless special permission has been granted by the Dean.

Because of difficulty in procuring adequate help, every student who lives in the dormitory, will be required for the duration of the war to do her proportionate part of certain household work in the residence halls, and also to take her turn in waiting on dining room tables.

Health

The health of students is carefully supervised. Medical and physical examinations are required at the opening of the college year of all entering students and sophomores. These examinations are given by the staff of the Physical Education Department and the college physician, assisted by the college nurse. The college physician is called in case of illness on the part of students, unless the parents have expressed a preference for their family physician.

The resident trained nurse has charge of all cases of illness except those of a serious or prolonged nature which require the services of a

private nurse. The College is so situated in Pittsburgh that the best medical attention is always available.

THE INFIRMARY, which occupies a wing on the ground floor of Woodland Hall, has been enlarged and refurnished through the generosity of the Alumnae Gift Fund. New and modern equipment has been provided for the patients' rooms, doctor's offices and nurse's quarters, and provision has been made for the isolation of infectious cases.

Religious Life

The College has from the beginning been Christian in its ideals. Originally a Presbyterian college, it is now non-denominational and welcomes students of every faith.

Students in residence are expected to attend the church of their choice and the occasional vesper services held at the College on Sunday evening.

Chapel services are held regularly during the week with the Thursday morning assembly in charge of the Student Government Association. A limited number of absences from these exercises is permitted.

The Y.W.C.A. has an active place in the life of the students. The association is fundamentally a religious organization, with activities and interests so varied as to appeal to every student. The association cooperates with welfare agencies in the city and contributes to philanthropic and missionary work at home and abroad. Delegates are sent to intercollegiate conferences and an active part is taken in all work looking toward the strengthening of the religious forces of the college life. A chapel service each week is planned and conducted by the Y.W.C.A.

Social Life

The College emphasizes social life as an essential part of a liberal education. It makes full provision for varied social activities ranging from formal receptions to the most informal of class entertainments. A number of dances, teas, and other social functions are held during the year. Hospitality is extended to both men and women students from neighboring colleges and universities. Resident and non-resident students share alike in the social life of the College. All social activities have of course been greatly simplified during the war. A series of informal dances are held for college students in Army Training programs in the city.

Freshman Week

All freshmen are requested to register at the College on Monday morning, September 18. Monday and Tuesday will be given over to placement tests and to brief talks by the President, Dean, Librarian, and student officers to acquaint them with P. C. W. traditions and ideals. Opportunity will also be given during these days for informal social gatherings with both faculty and students. It is hoped that with this introduction to the college year the necessary adjustments will be made more easily, and the student will soon feel herself a responsible member of the student body.

Student Organizations

The student body is organized into the Student Government Association, membership in which is automatic upon matriculation. The discipline of the College is largely in the hands of this organization. It is governed by the Student Government Board whose members are elected by the student body. The Board is represented on the Faculty-Student Council, which meets to consider questions relating to college activities and policies.

The student Y.W.C.A. is an active association whose work is described under "Religious Life."

The Athletic Association, of which every girl in College is a member, offers advantages to all students. Field hockey, archery, rifle, horseback riding, golf, volleyball, basketball, tennis, baseball, badminton, ping-pong, swimming and bowling are offered. Good sportsmanship and "a game for every girl" are the aims of the association. Awards are made at the end of the college year for outstanding achievement in athletics.

The Student Activities Council, organized to take the place of departmental clubs, acts as a clearing house for all student activities. It also promotes social and educational projects in which all members of the student body may participate. Among the projects of the Student Activities Council for the year 1943-1944 were a war bond rally, at which \$12,000 worth of bonds were purchased; discussion groups; and an inter-class play contest held in the spring.

The Glee Club and the Instrumental Ensemble are student organizations whose activities are described under the work of the Music Department.

There are two student publications: *The Pennsylvanian*, published biennially, a pictorial and literary summary of student activities and student life; and *The Arrow*, published monthly, which combines the features of a newspaper and a literary magazine. All students may

contribute to *The Arrow*, and students in the class in journalism consider it a laboratory for practical work in the journalistic field.

Lecture Program

The college provides a special lecture series each year and invites men and women of national and international importance to speak. These speakers are frequently entertained at the college, when both students and faculty have an opportunity to meet them informally. Guests are welcome at these lectures. The program for the year 1943-44 included the following:

MISS DOROTHY ADLOW, Art Critic of The Christian Science Monitor and Lecturer at the Museum of Fine Arts, Boston.

DR. STILLMAN ALLEN FOSTER, The Third Presbyterian Church, Pittsburgh.

RABBI SOLOMON B. FREEHOF, Rodef Shalom Temple, Pittsburgh.

MRS. WILLIAM IRELAND DUNCAN presented The Tatterman Marionettes.

MR. ROBERT NORTON, Secretary of the League for Fair Play, Inc.

DR. HARRY P. VAN WALT, Lecturer.

DR. ROBERT P. TRISTRAM COFFIN, American Poet.

MR. MURL DEUSING, Naturalist and Lecturer.

DR. RALPH W. SOCKMAN, Christ Church, New York City.

DR. MARY ELLEN CHASE, Author and Lecturer.

JAMES G. WINGO, Lecturer.

MRS. WILLIAM CORWITH, Lecturer NBC.

DR. E. STANLEY JONES, Missionary, Author, and Lecturer.

DR. NORMAN VINCENT PEALE, Marble Collegiate Reform Church, New York.

Vocational Guidance

The College gives careful attention to vocational guidance. Students may avail themselves of vocational interest tests early in their college course, and guidance is given them in the selection of courses to provide the proper background for specialized work. Speakers representing various professional fields are secured and conferences with vocational experts are provided.

The President's Secretary gives graduates every assistance in securing placement. Students are given an opportunity to indicate their employment preferences, and constant effort is made to refer qualified students to prospective employers. The college also attempts to maintain contact with graduates who are already placed and to learn

from them of openings which other students might fill. The placement service is rendered without charge and is available to each student and graduate as long as she is seeking placement.

A bulletin entitled "Careers of Distinction" is issued by the college. It gives information concerning the preparation necessary for some fifty occupations which are open to women, and also shows how liberal arts training may be planned at Pennsylvania College for Women to form a background for subsequent careers.

Teacher Placement Service

Attention of graduates is called to the Placement Service, Teacher Bureau, of the Department of Public Instruction. No enrollment fee is required and no charge is made for any service rendered by the bureau. Blank forms for enrollment and circulars containing full particulars with regard to the work of the bureau may be obtained by addressing the Assistant Director, Teacher Bureau, Department of Public Instruction, Harrisburg, Pennsylvania.

The College endeavors to assist in locating available positions for those members of the graduating class who receive the teaching certificate. The head of the department of education each year visits the leading high schools of Allegheny and adjoining counties to learn of possible vacancies in the schools.

Alumnae contemplating a change in teaching positions, who wish the help of the College, are asked to communicate with the department of education. All those knowing of teaching vacancies will render the College a service by sending in a notice of such vacancies.

Adjustment Institute of Pittsburgh

The Adjustment Institute of Pittsburgh is an association of specialists and administrators representing Pittsburgh colleges and universities, public and parish schools, medical, personnel and child guidance groups. It is concerned with research, demonstration and publication, in the field of mental-emotional personality adjustment and allied education.

Research is under way in medicine, psychiatry, psychology, sociology and employment, with demonstration in one of the large city high schools, and in industry. The Institute is under grant from the Carnegie Corporation of New York and subsidies from the University of Pittsburgh and Pennsylvania College for Women, administered by this College.

Scholarships and Loans

Applications for scholarships, loans or service scholarships, as well as for permission to take the competitive examinations for the freshman scholarships should be made to the Dean of the College.

COMPETITIVE SCHOLARSHIPS FOR FRESHMEN

A limited number of competitive scholarships will be awarded to freshmen entering Pennsylvania College for Women in September, 1944. Awards will be based on an examination to be given in the spring, on the school record, and on the personal qualifications of the candidate. The scholarships range in value from \$50 to \$165 for day students, and from \$50 to \$330 for resident students, depending on the financial need. The continuance of the scholarship beyond the freshman year depends upon the academic standing of the student and her financial need.

A personal interview is necessary in all cases before the scholarship is finally assigned. This interview should take place at the college whenever possible.

Applications for taking the examination must be filed in the Dean's office.

SERVICE SCHOLARSHIPS

A limited number of service scholarships are available to deserving and industrious students from any of the four classes in college. The obligations connected with these scholarships consist mainly of assisting in the library and laboratories, doing clerical work, and assisting in the dining hall and cafeteria.

OTHER SCHOLARSHIPS

A limited number of endowed scholarships and scholarships contributed by individuals and groups are open to outstanding students of the three upper classes. These scholarships are awarded on the basis of academic standing, character, and financial need. In addition, a considerable sum for student-aid is appropriated by the College from its current income.

A few competitive scholarships are available in applied music. Examinations for these will be given in the spring or early in the first semester. Under this plan, scholarships are available for both class lessons and private lessons in applied music.

The College offers a scholarship at the Marine Biological Laboratory at Woods Hole, Massachusetts. This scholarship covers the

cost of tuition for work done in the laboratory and is given to a student in the Biology Department who has done outstanding work.

Mu Sigma Chi offers two small scholarships each year to students majoring in the fields of Chemistry and Biology.

In addition to these scholarships the following have been established:

THE STUDENT GOVERNMENT ASSOCIATION offers two scholarships of \$150 each as a memorial to the late Cora Helen Coolidge, for many years president of the College.

THE HELEN E. PELLETREAU SCHOLARSHIP FUND is a fund which has been raised by the Alumnae to establish a scholarship in honor of Miss Helen E. Pelletreau, for many years president of the College. At the present time four or five students each year receive scholarships from this fund. The fund has not yet been made up to the full amount necessary and contributions to it are earnestly solicited. They should be sent to Miss Edna M. Reitz, 912 East End Avenue, Pittsburgh. The scholarships are awarded for one year by the Scholarship Committee of the Alumnae Association.

THE MARY HAWES NEVIN SCHOLARSHIP fulfills a wish expressed by the late Mary Hawes Nevin, an alumna of the class of 1896. Her family gave a sum of \$6,000 to establish a scholarship to bear her name.

THE COLLOQUIUM CLUB SCHOLARSHIPS were established in 1919 by the Colloquium Club of Pittsburgh to promote and maintain the interest of the club in the growth of the College. The scholarships are awarded on recommendation of the Scholarship Committee of the club. Four scholarships of \$100 each are given every year.

THE PITTSBURGH FEMALE COLLEGE ASSOCIATION MEMORIAL SCHOLARSHIP was established as a perpetual memorial to the Pittsburgh Female College Association, and is to be given each year to a member of the junior class of outstanding rank who has also made a real contribution to the college life. This scholarship is awarded without regard for the financial need of the student.

THE MARY ROBBINS MILLER SCHOLARSHIP FUND was given by alumnae and friends of Mrs. Miller, a former Alumna trustee of the College. It provides an annual income which is available for students in any class.

THE CORA HELEN COOLIDGE MEMORIAL SCHOLARSHIP, given by the Pittsburgh Colony of New England Women, is awarded each year to a member of the freshman class. This scholarship is for \$150 and is given to a student for one year only.

ANNA DRAVO PARKIN MEMORIAL HISTORY PRIZE: This annual prize of \$50 is to be awarded at commencement time to a history major in the senior class who has been a student in the college for at least two years, and who has maintained the best standing in the department. The prize is given in memory of Anna Dravo Parkin, a member of the class of 1936, by her grandmother, Mrs. Anna Dravo Parkin.

THE JANE B. CLARK MEMORIAL SCHOLARSHIP: A scholarship fund has been established in the name of Jane B. Clark, a teacher for many years at Pennsylvania College for Women, by a group of alumnae. The income from this fund is awarded annually to deserving students.

THE JANET L. BROWNLEE SCHOLARSHIP: The alumnae of Dilworth Hall have established this scholarship in honor of Miss Janet L. Brownlee, the former principal of Dilworth Hall.

THE FLORENCE KINGSBACHER FRANK SCHOLARSHIP: A scholarship has been provided in memory of Florence Kingsbacher Frank, a graduate of Pennsylvania College for Women in the class of 1913, by her family.

All of these scholarships are awarded subject to the approval of the Dean of the College, and the recipients must meet the College scholarship requirements. With the exception of the Cora Helen Coolidge Memorial Scholarship, all scholarships awarded are continued through the four years if a student maintains the required academic average and shows a continued financial need.

LOANS

Lambda Pi Mu, the Social Service Club of the College, in 1929 established the first College loan fund. This has been increased each year and has been used by many College students.

No interest is charged the student until a year after graduation, when five per cent interest is charged on the unpaid part of the loan.

In the past two years the Alumnae Association, class groups, and regional groups of alumnae have raised loan funds for students. The alumnae of the H. C. Frick Training School for Teachers provide

loans for college seniors at P.C.W. through the Herbert Burnham Davis Memorial Loan Fund which they maintain. These loans bear no interest until one year after the graduation of the class to which the student belongs and are payable at any time after the graduation of the student. If the loan has not been returned at the end of the first year after graduation, interest at the rate of five per cent is charged.

Transcripts

Students in good standing withdrawing before graduation, and graduates, are entitled to one complete statement of their college record without charge. A charge of \$1 will be made for every subsequent copy of such record.

Dismissals

The College reserves the right to exclude at any time a student who does not maintain the required standard of scholarship, or whose continuance in College would be detrimental to her health or to the health of others, or whose conduct is not satisfactory. Students of the latter group may be asked to withdraw even though no specific charge be made against them.

Frick Community Service Summer School

The 19th summer session in social service and guidance will be held at the College from July 3 to July 22, 1944. This school is sponsored by the Henry C. Frick Educational Commission for the public school teachers of the Pittsburgh district. Its purpose is to acquaint them with the economic and social background of their students, and to provide closer cooperation between the school and the social agencies in their efforts to better social conditions in the city. Speakers from local and national social agencies are brought before the group.

Scholarships for this session may be obtained by applying to Miss Mary H. Kolb, Secretary of the Frick Commission, Union Trust Building, Pittsburgh. Pennsylvania College for Women, with accommodations for 100 teachers, is glad to offer the facilities of its campus for a project of such educational importance.

Charges and Expenses

Academic Year 1944-1945

Payment of Expenses

Statements of accounts are mailed to the parent or guardian of the student about ten days before the beginning of each semester. Checks should be made payable to Pennsylvania College for Women and addressed to the Assistant Treasurer.

Payments must be made on or before Registration Day. In no case may a student be admitted to final examinations until all obligations pertaining to that semester have been met in full. No exception will be made without written permission from the President of the College.

A student may be graduated, receive honorable dismissal, or receive a transcript of her college work only after all accounts with the College have been settled.

P.C.W. Monthly Payment Plan. Since some parents prefer to pay tuition and other college fees in equal monthly installments during the year, the College is glad to offer this convenience through the Treasurer of the College. The cost includes a three per cent service charge and a \$5 qualification fee. If the plan of equal monthly installments is preferred, the necessary forms will be sent immediately upon receipt by the College of such notification, which must be made by September 15, 1944.

Charges for students entering College the second semester will be one-half the stated rates for the college year.

Textbooks and students' supplies may be purchased for cash in the bookroom.

Statements of special fees for laboratory and special courses for which a student registers at the opening of college will be mailed about October 1 and statements of incidental charges will be mailed monthly.

In cases in which a scholarship has been awarded, one-half the scholarship will be applied each semester.

The College reserves the right to make any changes in charges which may be made necessary because of war conditions.

Entrance Fees

Application for admission.....\$10.00

In cases in which a student is carrying six
hours or less, the application fee is \$5.00.

Non-Resident Students

Charges for non-resident students for the year:

Tuition	\$330.00
*Health fee	5.00
Library fee	5.00
Student Activities fee.....	13.00
	<hr/>
	\$353.00

Payable:

On or before opening of College in September.....	\$176.50
On or before February 1.....	176.50
	<hr/>
	\$353.00

Students carrying nine hours or less will be charged at the rate of \$11 each semester hour scheduled. Students who are permitted to carry more than the normal load of thirty-two hours for the year—exclusive of Physical Education—will be charged on a basis of \$11 per semester hour for excess hours.

Resident Students

Charges for resident students for the year:

Tuition	\$330.00
Board and room.....	525.00
*Health fee	10.00
Library fee	5.00
Student Activities fee.....	13.00
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	\$883.00

Payable:

On or before the opening of College in September.....	\$441.50
On or before February 1.....	441.50
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	\$883.00

*See Health Fees and Charges.

All returning students must pay a room reservation fee of \$10.00 by May 15. Room reservation fees for students who do not return will be refunded only if the College is notified by August 15 of their intention to withdraw. The fee is credited for all returning students on the first semester's bill.

A charge of \$2 per year is made for the use of a radio.

An extra charge of 25 cents is made for meals sent to rooms.

The College has its own laundry where students may have work done at reasonable rates.

Health Fees and Charges

The health fee covers the required physical examination and any services rendered by the resident nurse in her office.

For resident students, seven days of rest and care in the college infirmary are also included in the health fee. A charge of \$1.50 will be made for each day in excess of seven, plus a 10 cent fee for each meal served while in the infirmary. Charges are made for medicine supplied by the College. When the college physician is called in case of a student's illness, the parent or guardian will receive a statement from the physician.

The College has made further provisions for the health of all students by arranging with the Indemnity Insurance Company of North America for group accident insurance. Details of the plan will be mailed by the insurance company after school opens. This insurance is very reasonable and is recommended to students but is not a requirement.

LABORATORY AND SPECIAL FEES

Semester Charges

Science courses with a two-hour laboratory period each week..	\$ 6.00
Science courses with more than a two-hour laboratory period each week	7.50
All foods courses with a three-hour laboratory each week.....	5.00
Child Development	2.00
Stenography, Typewriting	5.00
Practice Teaching	12.50
Tests and measurements.....	2.00
Visual Education	4.00
Commencement fee	10.00
Physical Education	2.50

(All students taking required physical education)

The Physical Education fee entitles students to use of the Mellon Hall swimming pool and bowling alleys and to participation in all

the activities of the Physical Education Department, except those activities in which there is a special instructor.

FEES FOR LESSONS IN APPLIED ART

One lesson a week, per semester.....	\$15.00
Two lessons a week, per semester.....	25.00

MUSIC DEPARTMENT FEES

College Department

Private instruction in piano, organ, voice, violin, per semester:

Two hour lessons a week.....	\$120.00
Two three-quarter hour lessons a week.....	90.00
Two half-hour lessons a week.....	60.00
One three-quarter hour lesson a week.....	45.00
One half-hour lesson a week.....	30.00
Class instruction in applied music.....	15.00
Teacher training in piano.....	12.50
Church choir directing and repertoire.....	12.50

For lessons in other instruments not specified, arrangements may be made with the Chairman of the Department.

Practice Rooms, per semester:

For piano, \$7.50; for organ, \$10.00; for voice, violin, cello, etc., \$5.00.

PRE-COLLEGE DEPARTMENT

(4 years to College Age)

Private instruction in applied music, per semester:

Lessons per week

One half-hour lesson.....	\$25.00
One three-quarter hour lesson.....	37.50
Two half-hour lessons.....	50.00

SPEECH

Private instruction:

Two half-hour lessons a week, per semester.....	\$60.00
One half-hour lesson a week, per semester.....	30.00

REFUNDS

Provisions by the College for its maintenance are made on a yearly basis; likewise, all college charges are for the full year. No reduction or refund of tuition will be made on account of absence, withdrawal, illness, suspension, dismissal, or for any other reason.

If a student vacates her room in the dormitory before the end of the semester, no refund will be made until the vacancy has been filled by an incoming student. A refund will be made on the amount paid for board at the rate of \$8.00 per week for the balance of the semester following the date of withdrawal.

The date of withdrawal is the date on which the Dean is informed in writing of the fact by the parent or guardian.

Tuition for private lessons in art, music, and speech is not subject to return or reduction.

There will be no refund of laboratory fees to a student withdrawing from a laboratory course after the first two weeks of a semester.

Degrees Conferred in May 1943

Bachelor of Arts

MARGARET ELIZABETH ANDERSON	MARIAN LOUISE LAMBIE
JEAN ARCHER	VIRGINIA COLEEN LAUER
ANN CAMERON BAKER	NINA ARMINTA MALEY
MARGARET ELLEN BALLARD	ELIZABETH ANN MARONEY
PATRICIA FLORENCE BLUE	DOROTHY JANE MARSHALL
MARY ELIZABETH CAMPBELL	MARY JANE McCOMB
MARION PATRICIA CRUCIGER	*JANET McCORMICK
ANN LUCILLE CUMMINS	AMY ELEANOR MCKAY
*MARGUERITE DIETZ	CONSTANCE MEYER
MARGARET VIRGINIA DITGES	DOROTHY ANNE MINNECI
JANE GEORGETTE EVANS	JEANNETTE CHRISTINE MYERS
*ROSEMARIE FILIPPELLI	*MARJORIE ANN NOONAN
MARY JANE FITZPATRICK	JANET ELIZABETH ROSS
FLORENCE HALLER FREY	**MARION VIRGINIA ROWELL
ELEANOR VAN TINE GARRETT	MARY BERNADINE SCHWEPPE
VIRGINIA DORSCH GILLESPIE	CATHERINE WATSON SHRYOCK
JANICE LEE GOLDBLUM	BARBARA ANN STEELE
LOUISE HALDEMAN GRAVES	PRISCILLA JEAN SWEET
*BARBARA HEINZ	HELEN JANE TAYLOR
VIRGINIA CODY HENDRYX	MARIAN AUGUSTA TEICHMANN
BARBARA COOPER HEPBURN	MARTHA JANE TRUXAL
CLAIRE MARKS HORWITZ	LOUISE HAZEL WALLACE
VANCE HYDE	EMMA LORRAINE WOLF
ELINOR AILEEN KEFFER	JEAN ROBINSON WYRE

Bachelor of Science

BETTY MAE BROWN	ELIZABETH WALKER ESLER
**EDITH COLE	JUNE MARIETTA HUNKER
JEAN ELIZABETH DeWOODY	MILES MAGDALENE JANOUCH
MARGARET ROSE SUPPES	

*General Honors

**General and Special Honors

Students in 1943-1944

Senior Class—1944

ALLEN, RUTH JENKINS.....	Pittsburgh, Pennsylvania
BACON, JEAN MACINTOSH.....	Erie, Pennsylvania
BAILEY, NORMA LOUISE.....	McKeesport, Pennsylvania
BALDWIN, VIRGINIA SPEER.....	Beaver, Pennsylvania
BISTLINE, GLADYS EDNA.....	Wilkinsburg, Pennsylvania
BLATTNER, ELEANOR JANE.....	Pittsburgh, Pennsylvania
BOWDLE, MARTHA JOAN.....	Dixmont, Pennsylvania
BROWN, MARY ELIZABETH.....	Pittsburgh, Pennsylvania
BROWNE, MARGARET.....	Tarentum, Pennsylvania
BUSH, BETTY IRENE.....	Pittsburgh, Pennsylvania
CALDWELL, BARBARA JANE.....	Edgewood, Pennsylvania
CRAIG, RUTH BROWN.....	Ben Avon, Pennsylvania
DARBY, ANNA ADAMS.....	Pittsburgh, Pennsylvania
DEBELLIS, AIDA AMNERIS.....	Pittsburgh, Pennsylvania
DEHAVEN, JEANNE WILMA.....	Glenshaw, Pennsylvania
DOERR, NANCY.....	Emsworth, Pennsylvania
DONALDSON, MARGARET LUCILLE.....	Canonsburg, Pennsylvania
FINDLEY, BARBARA PITCAIRN.....	Pittsburgh, Pennsylvania
FULTON, EVLYN WEHLING.....	Bellevue, Pennsylvania
GEYER, PORTIA WILSON.....	Pittsburgh, Pennsylvania
GLICK, EVELYN DOROTHY.....	Pittsburgh, Pennsylvania
GRAY, VIRGINIA ELIZABETH.....	Park Ridge, Illinois
HARLAN, MARTHA CECELIA.....	Mt. Lebanon, Pennsylvania
HARRIS, AMANDA.....	Pittsburgh, Pennsylvania
HARTER, MARJORIE LOUISE.....	Pittsburgh, Pennsylvania
HEIMERT, GLADYS MARIE.....	Pittsburgh, Pennsylvania
HUMPHREYS, JANE ELIZABETH.....	Pittsburgh, Pennsylvania
HUTCHINSON, MARTHA C.....	Uniontown, Pennsylvania
ISHAM, LUCY ANN.....	Fox Chapel, Pennsylvania
JOHNESEU, BETTY M.....	Wilkinsburg, Pennsylvania
JOHNSON, MARGARET ETHELYN.....	New Kensington, Pennsylvania
JONES, KELLY.....	Wheeling, West Virginia
JONES, MARY PHYLLIS.....	Pittsburgh, Pennsylvania
KINNEY, MARY ELIZABETH.....	Wilkinsburg, Pennsylvania
KIRSOPP, DALE.....	Pittsburgh, Pennsylvania
KNAUSS, JOANNE GEHRING.....	Wheeling, West Virginia
KNOX, EVELYN McLAUGHLIN.....	Wilkinsburg, Pennsylvania
LAIRD, RUTH MARIE.....	Emsworth, Pennsylvania
LEIBOLD, DORCAS ELLEN.....	Pittsburgh, Pennsylvania
LEONARD, PATRICIA ANNE.....	Mt. Pleasant, Michigan
LEWIS, ANNA MAE DEVLIN.....	Pittsburgh, Pennsylvania
LOHMEYER, MARTHA McCULLOUGH.....	Pittsburgh, Pennsylvania
LYNCH, RUTH.....	Crafton, Pennsylvania
MACKIE, HELEN CATHERINE.....	Pittsburgh, Pennsylvania
MAXWELL, NANCY JANE.....	Johnstown, Pennsylvania
McCABE, JEAN WALDIE.....	Pittsburgh, Pennsylvania
MEADER, MARY ELIZABETH.....	Pittsburgh, Pennsylvania
MEANOR, SALLY BROWN.....	Wilkinsburg, Pennsylvania

MONKS, MARION BROWN.....	Clairton, Pennsylvania
MONROE, FRANCES ELIZABETH.....	Youngstown, Ohio
NELSON, DOROTHY JANE.....	Wilkinsburg, Pennsylvania
OESTERLING, MARY LOUISE.....	Zelienople, Pennsylvania
RAUP, NANCY JANE.....	Bellevue, Pennsylvania
REIBER, MARY LOUISE.....	Pittsburgh, Pennsylvania
RIGAUMONT, JEAN ALICE.....	Pittsburgh, Pennsylvania
SAMPSON, MARY RUTH.....	Pittsburgh, Pennsylvania
SAY, CYNTHIANNE DUNGAR.....	East McKeesport, Pennsylvania
SHEASBY, LILLIAN MAY.....	Dormont, Pennsylvania
SMITH, HELEN HEATH.....	Mercer, Pennsylvania
SPIERLING, ELIZABETH CAROLYN.....	Erie, Pennsylvania
SPRINGER, MARION HELEN.....	Mt. Lebanon, Pennsylvania
STAUFFER, NANCY MILLER.....	Ambridge, Pennsylvania
SUPOWITZ, ADELYNE GLORIA.....	Pittsburgh, Pennsylvania
SWAN, JUSTINE CAPPEL.....	Bakerstown, Pennsylvania
TURNOCK, ANN MCCLYMONDS.....	Pittsburgh, Pennsylvania
WATSON, WINIFRED EVELYN.....	Wilkinsburg, Pennsylvania
WESTON, RUTH BUTLER.....	Pittsburgh, Pennsylvania

Junior Class—1945

ALEXANDER, VIRGINIA LOUISE.....	Turtle Creek, Pennsylvania
ALLSHOUSE, LOIS.....	Wilkinsburg, Pennsylvania
BARRETT, DOROTHY JOANNE.....	Pittsburgh, Pennsylvania
BASENKO, PAULINE.....	Pittsburgh, Pennsylvania
BECK, NETTIE JANE.....	Karns City, Pennsylvania
BENNER, GRACE DILL.....	Turtle Creek, Pennsylvania
BERGMANN, HERTHA.....	Pittsburgh, Pennsylvania
BREWSTER, JANET MADELINE.....	Aspinwall, Pennsylvania
CHANTLER, PEGGY.....	Pittsburgh, Pennsylvania
CLEWER, HELEN LOUISE.....	McKeesport, Pennsylvania
COLLINS, BARBARA FRANCES.....	Youngstown, Ohio
COLLINS, JUNE GRANT.....	Pittsburgh, Pennsylvania
CONNER, AGNES MAE.....	Coatesville, Pennsylvania
COSEL, CAROLYN JOAN.....	New Castle, Pennsylvania
COX, MARTHA KNIGHT.....	Beaver, Pennsylvania
CRAIG, MARY ALICE.....	Crafton, Pennsylvania
DALZELL, JEAN REID.....	New York, New York
DAVIS, MIRIAM VIRGINIA.....	Pittsburgh, Pennsylvania
DEMMLER, ALICE ELIZABETH.....	Pittsburgh, Pennsylvania
DEPP, DORIS M.....	Pittsburgh, Pennsylvania
DORNBERGER, HELEN MARION.....	Pittsburgh, Pennsylvania
FIRMIN, RUTH EMILY.....	Crafton, Pennsylvania
FIRTH, DOROTHY JEAN.....	Pittsburgh, Pennsylvania
FLOOD, J. LOUISE.....	Pittsburgh, Pennsylvania
FORD, MILDRED RUTH.....	Cleveland Heights, Ohio
GALLAGHER, MARY E.....	Apollo, Pennsylvania
HANNA, ALICE MAE.....	Avalon, Pennsylvania
HANSEN, BARBARA JANE.....	Pittsburgh, Pennsylvania
HARKLESS, JANET OLMA.....	McKeesport, Pennsylvania
HELD, FLORENCE JEAN.....	Pittsburgh, Pennsylvania

HERDT, NANCY JANE.....	West View, Pennsylvania
HESTON, AUDREY ANNE.....	Akron, Ohio
INGRAHAM, PHYLLIS M.....	Pt. Pleasant, West Virginia
IRELAND, NELLIE.....	Verona, Pennsylvania
JENKINS, RUTH HELEN.....	Monongahela, Pennsylvania
KELLY, MARY.....	Pittsburgh, Pennsylvania
KENNEDY, JANET KATHERINE.....	Pittsburgh, Pennsylvania
LEACH, MARION NANCY.....	Turtle Creek, Pennsylvania
LONG, LOIS RUTH.....	Edgewood, Pennsylvania
LUTZ, LOIS.....	Pittsburgh, Pennsylvania
MAYHALL, MARJORIE ANN.....	Pittsburgh, Pennsylvania
MAYS, SHIRLEY ANN.....	Dormont, Pennsylvania
MCCRORY, EMILY ELIZABETH.....	Wilkinsburg, Pennsylvania
McFALL, MARTHA FRANCES.....	Mt. Lebanon, Pennsylvania
McKEAG, GLORIA JEANNE.....	Pawhuska, Oklahoma
MEUB, JANE EMELYN.....	Youngstown, Ohio
MITZ, CATHERINE.....	Munhall, Pennsylvania
MORGAN, CAROLYN HOFFMAN.....	Allison Park, Pennsylvania
MURRAY, JANE SHEPPARD.....	Mt. Lebanon, Pennsylvania
RAYNOR, GEORGIA EMILY.....	Bethlehem, Pennsylvania
RICKS, VIRGINIA.....	Pittsburgh, Pennsylvania
ROBINSON, HELEN LOUISE.....	Youngstown, Ohio
RUSBASAN, IRENE ELIZABETH.....	Washington, Pennsylvania
SCHMEICHEL, GERTRUDE MAE.....	Pittsburgh, Pennsylvania
SELLECK, MARJORIE JANE.....	Verona, Pennsylvania
SMITH, PATRICIA.....	Pitcairn, Pennsylvania
SPEERS, PATSY CAROLYN.....	Belle Vernon, Pennsylvania
SUCCOP, EDITH V.....	Pittsburgh, Pennsylvania
SWANNIE, MARION LUCILLE.....	Kenmore, New York
THIES, MARY LOUISE.....	Mt. Lebanon, Pennsylvania
THOMAS, ANNA G.....	Pittsburgh, Pennsylvania
THOMAS, JEAN ANNE.....	Pittsburgh, Pennsylvania
UPDEGRAFF, MARIAN BROWN.....	Pittsburgh, Pennsylvania
URBAN, BETTY GRAY.....	Pittsburgh, Pennsylvania
WHITNEY, SALLY ANN.....	Pittsburgh, Pennsylvania
WILCOX, MATILDA JANE.....	Wilkinsburg, Pennsylvania
WILSON, PAULINE KING.....	Pittsburgh, Pennsylvania
WOOD, JANE LAWRENCE.....	Pittsburgh, Pennsylvania
WRAY, MARTHA CHARLOTTE.....	Emsworth, Pennsylvania
YEISER, ELIZABETH LOUISE.....	Glenshaw, Pennsylvania
YOUNGLING, MARY JANE.....	Pittsburgh, Pennsylvania

Sophomore Class—1946

ALEXANDER, ANN LEE.....	Mt. Lebanon, Pennsylvania
ANTHON, BASILIKE BETTY.....	Pittsburgh, Pennsylvania
BECK, BETTY COLLEEN.....	Harrisburg, Pennsylvania
BENNETT, CLEO JANE.....	Johnstown, Pennsylvania
BOVARD, JANET BROWNLEE.....	Takoma Park, Maryland
BURCKART, MARY LOUISE.....	Erie, Pennsylvania
CALOYER, EVA.....	Pittsburgh, Pennsylvania
CAMPBELL, SUSAN.....	Washington, Pennsylvania

COATE, MARTHA LOUISE.....	Mt. Lebanon, Pennsylvania
COCHRAN, PATRICIA WILSON.....	Pittsburgh, Pennsylvania
COPETAS, LULA.....	Pittsburgh, Pennsylvania
COTT, BARBARA EMORY.....	Pittsburgh, Pennsylvania
COUCH, MARJORY ISABEL.....	Avonmore, Pennsylvania
CROAK, HELEN GRACE.....	Pittsburgh, Pennsylvania
DORSEY, LUCY SPRIGG.....	Orlando, Florida
EGAN, MARY LUCEILLE.....	Pittsburgh, Pennsylvania
EGGER, MIRIAM MARGARET.....	Bellevue, Pennsylvania
ELDON, PATRICIA.....	Bronxville, New York
ELLIOTT, MARJORIE FRANCES.....	Pittsburgh, Pennsylvania
FAIRFIELD, DORIS.....	Wilkinsburg, Pennsylvania
FELLOWS, REBECCA MARIE.....	Pittsburgh, Pennsylvania
FIELD, JANE MARGARET.....	Pittsburgh, Pennsylvania
FILIPPELLI, AGNES.....	Pittsburgh, Pennsylvania
FREDERICKSON, MARY MARGARET.....	Greensburg, Pennsylvania
FUNK, SUE MORGAN.....	Bradford, Pennsylvania
GARDNER, ALICE LEE.....	Mt. Lebanon, Pennsylvania
GILMORE, HELEN LEITCH.....	Pittsburgh, Pennsylvania
GOODWIN, ANNA JANE.....	Ben Avon, Pennsylvania
GROVES, DOROTHY VIOLA.....	Dormont, Pennsylvania
HAAS, GRACE MARY.....	Pittsburgh, Pennsylvania
HALLER, MARILOU.....	Crafton, Pennsylvania
HARMS, JOAN H.....	Pittsburgh, Pennsylvania
HEIMANN, SYBIL DOROTHEA.....	Pittsburgh, Pennsylvania
HENDRYX, PRISCILLA LOUISE.....	Pittsburgh, Pennsylvania
HENSCH, PATRICIA GWEN.....	Mt. Lebanon, Pennsylvania
HILBISH, FRANCESCA GUTHRIE.....	Pittsburgh, Pennsylvania
HOFFMAN, HARRIET ELIZABETH.....	Wilkinsburg, Pennsylvania
HUNTER, HELEN THISTLE.....	Washington, Pennsylvania
JACKSON, LOIS JEAN.....	Brentwood, Pennsylvania
KIESTER, LILLA ELIZABETH.....	Turtle Creek, Pennsylvania
KNOLL, DOLORES ELLA.....	McKees Rocks, Pennsylvania
KORB, MARGARET ANN.....	Ben Avon, Pennsylvania
KOVACS, MILDRED MARJORIE.....	Pittsburgh, Pennsylvania
LANSING, MARJORIE WINIFRED.....	Harrisburg, Pennsylvania
LEAN, MARIAN.....	Pittsburgh, Pennsylvania
LETSCH, MARY ANN.....	Ben Avon, Pennsylvania
LEVINSON, ARLINE RUTH.....	Pittsburgh, Pennsylvania
MATTHEWS, EVELYN GERTRUDE.....	Pittsburgh, Pennsylvania
MCCULLOUGH, MARGARET JEAN.....	Dormont, Pennsylvania
McKEE, MARGARET ANN.....	Ben Avon, Pennsylvania
McPHERSON, JANE ANNE.....	Sewickley, Pennsylvania
MEANS, NANCY JEAN.....	Pittsburgh, Pennsylvania
MISTRIK, MARGARET INEZ.....	Pittsburgh, Pennsylvania
MYERS, HELEN LOUISE.....	Mt. Lebanon, Pennsylvania
MYERS, STELLA ELIZABETH.....	Carnegie, Pennsylvania
NORTON, SUE S.....	Tidioute, Pennsylvania
OSTIEN, FLORENCE ANNA.....	Turtle Creek, Pennsylvania
PARKER, SARA BARBARA.....	Pittsburgh, Pennsylvania
PARKINSON, HELEN MARIE.....	Dunn's Station, Pennsylvania
PERRY, RUTH IDA EVELYN.....	Brier Hill, Pennsylvania
PETTY, JANET KATHLEEN.....	Loudonville, Ohio

PURVES, JEAN ROSALIND.....	Mt. Lebanon, Pennsylvania
RAINS, ELIZABETH RUTH.....	Sewickley, Pennsylvania
RIFFLE, PEGGY ELLEN.....	Pittsburgh, Pennsylvania
ROCHE, MARIELLEN.....	Beaver, Pennsylvania
ROHRER, MARIE ELIZABETH.....	Harrisburg, Pennsylvania
RUMBAUGH, MARY ANN.....	Donora, Pennsylvania
SAVAGE, GRACE MILLICENT.....	Leetsdale, Pennsylvania
SAWDERS, EMILY.....	Pittsburgh, Pennsylvania
SAYLOR, ELLEN MARIE.....	Oakmont, Pennsylvania
SHOWALTER, NANCY CRAIG.....	Latrobe, Pennsylvania
SHRINER, HELEN JANE.....	Wilkinsburg, Pennsylvania
SINEWE, JUNE CAROLYN.....	Pittsburgh, Pennsylvania
SISLER, SYLVIA DORIS.....	Uniontown, Pennsylvania
SKLAREY, MYRA ELAINE.....	Newark, New Jersey
SMITH, SALLY LOU.....	Tarentum, Pennsylvania
SOMMERFELD, VIRGINIA JANE.....	Pittsburgh, Pennsylvania
SOSSONG, BETTY ESTELLE.....	Pittsburgh, Pennsylvania
STAPLES, MARION HELENE.....	Shillington, Pennsylvania
TEPLITZ, RUTH.....	Pittsburgh, Pennsylvania
THOMPSON, MARY JEAN.....	Edgewood, Pennsylvania
THORNE, CAROLYN OTTILIE.....	Edgewood, Pennsylvania
TITUS, JOAN ELIZABETH.....	Bradford, Pennsylvania
UBER, VIRGINIA MAE.....	Indiana, Pennsylvania
VAN KIRK, VIRGINIA.....	Pittsburgh, Pennsylvania
VILLING, SARA CATHERINE.....	Butler, Pennsylvania
VOGT, VIRGINIA MARIE.....	Appleton, Wisconsin
WAYNE, MARJORIE AUGUSTA.....	Pittsburgh, Pennsylvania
WEIGEL, RUTH ANN.....	Pittsburgh, Pennsylvania
WELLS, MARY RUFFNER.....	Ben's Run, West Virginia
WHITE, JEAN LOUISE.....	Warren, Ohio
WILSON, ELIZABETH JANE.....	North Braddock, Pennsylvania
WORK, BARBARA GRAHAM.....	Wilkinsburg, Pennsylvania
YORKIN, MARTHA JANE.....	Washington, Pennsylvania

Freshman Class—1947

ALLEN, HELEN LEONA.....	Pittsburgh, Pennsylvania
ANDERSON, BETTY LOU.....	Wilkinsburg, Pennsylvania
ARNOLD, RUTH HELENE.....	Warren, Ohio
ARRAS, MARIAN LEE.....	Sharon, Pennsylvania
BAEHR, LOUISE CHRISTINE.....	McKeesport, Pennsylvania
BAIRD, DORIS JEAN.....	Aspinwall, Pennsylvania
BEALE, VIRGINIA LUCILLE.....	Tarentum, Pennsylvania
BENNETT, MARJORIE ANN.....	Wilkinsburg, Pennsylvania
BRAZIELL, ELVA.....	Pittsburgh, Pennsylvania
BROWN, HELEN KINLOCH.....	Turtle Creek, Pennsylvania
BURNS, ALICE MAE.....	Glenshaw, Pennsylvania
CAMPBELL, JANE ALGEO.....	Rosslyn Farms, Pennsylvania
CARD, ELLEN BALMAIN.....	Sewickley, Pennsylvania
CAVANAUGH, MARGARET ROSE.....	Swissvale, Pennsylvania
CHAMBERS, MARY LYNE.....	Pittsburgh, Pennsylvania
CHATTAWAY, NORMA JEAN.....	Monongahela, Pennsylvania

CIGANOVIC, KATHRYN FRANCES.....	Youngwood, Pennsylvania
CONGALTON, PEGGY ANN.....	Pittsburgh, Pennsylvania
CONWAY, MARY KATHLEEN.....	Pittsburgh, Pennsylvania
CORMAN, MILDRED SYLVIA.....	Brooklyn, New York
COUGHANOUR, ANNE.....	McClellandtown, Pennsylvania
DALZELL, ANNE HOUSTON.....	Pittsburgh, Pennsylvania
DAVIES, PEARL JUNE.....	Pittsburgh, Pennsylvania
DODGE, MARGARET ANN.....	Wilkinsburg, Pennsylvania
DUFF, LETITIA PRENTER.....	Pittsburgh, Pennsylvania
EVANS, MARJORIE RUTH.....	Swissvale, Pennsylvania
FARNETH, MARY ALICE.....	Swissvale, Pennsylvania
FENNELL, DOROTHY MARGARET.....	Pittsburgh, Pennsylvania
FLECK, ELIZABETH HURLEY.....	Altoona, Pennsylvania
GERSMANN, PRISCILLA MAUDE.....	Pittsburgh, Pennsylvania
GILL, ROSE BARBARA.....	Pittsburgh, Pennsylvania
GILLILAND, GEORGIANA FARRELL.....	Pittsburgh, Pennsylvania
GOLDFARB, ELEANOR RUTH.....	Washington, Pennsylvania
GRASSO, RUTH MAE.....	Brockway, Pennsylvania
GRAZIANO, MARY ANN.....	Pittsburgh, Pennsylvania
GREENE, JACQUELIN HARRIET.....	Pittsburgh, Pennsylvania
GREGER, ELSE KAROLINE.....	Pittsburgh, Pennsylvania
GRIFFITHS, ISABEL LOUISE.....	Pittsburgh, Pennsylvania
GRIFFITHS, RUTH EILEEN.....	Pittsburgh, Pennsylvania
HAMILTON, MARIANNE.....	Pittsburgh, Pennsylvania
HARKINS, MARGARET LOUISE.....	Munhall, Pennsylvania
HAVERSTICK, FRANCES.....	Dormont, Pennsylvania
HENDERSON, CATHERINE ELIZABETH.....	York, Pennsylvania
HESS, LOWELL MARY.....	Pittsburgh, Pennsylvania
HILDEBRANDT, ANNA HARRIET.....	Pittsburgh, Pennsylvania
HIMES, MARGERY LYTLE.....	New Bethlehem, Pennsylvania
HOGE, SARAH ROSEMARY.....	Waynesburg, Pennsylvania
HOUSTON, KATHRYN JEANNE.....	Pittsburgh, Pennsylvania
HUOT, MARIE BABETTE.....	Pittsburgh, Pennsylvania
HUTTON, ALENE DOROTHEA.....	Sutton, West Virginia
JACKLEY, LOIS GENE.....	Parkersburg, West Virginia
JAYCOX, PATTY VOLK.....	McKeesport, Pennsylvania
KAUFMANN, JOAN BETTY.....	Coraopolis Heights, Pennsylvania
KELLS, ALICE MAY.....	Pittsburgh, Pennsylvania
KENNEDY, ESTHER AMELIA.....	Pittsburgh, Pennsylvania
KING, ELIZABETH ANGELINE.....	Vandergrift, Pennsylvania
KLINE, MARY ALICE.....	McKeesport, Pennsylvania
LARSON, HELEN MATHILDE.....	Pittsburgh, Pennsylvania
LEFURGY, VIRGINIA ALLEEN.....	Pittsburgh, Pennsylvania
LITTLE, VIRGINIA ANN.....	Pittsburgh, Pennsylvania
LOLLER, GLORIA ANN.....	Pittsburgh, Pennsylvania
LONGABAUGH, GRACE MARY.....	Bellevue, Pennsylvania
LOWAR, LAVERNE LORRAINE.....	Carnegie, Pennsylvania
LOWE, ELIZABETH GRAHAM.....	Pittsburgh, Pennsylvania
MASON, BARBARA.....	Bronxville, New York
MCCLEERY, NANCY ANTOINETTE.....	Steubenville, Ohio
MCCLELLAN, ANN.....	Irwin, Pennsylvania
MCCORMICK, SARAH JANE.....	New Salem, Pennsylvania
McKEE, BETTY MARGARET.....	Somerset, Pennsylvania

McKENRICK, MARTHA JOSEPHINE.....	Ebensburg, Pennsylvania
McMILLIN, HELEN ELIZABETH.....	Wampum, Pennsylvania
McSWIGAN, MARJORIE MARY.....	Pittsburgh, Pennsylvania
MELVIN, RUTH MARIE.....	Bradford, Pennsylvania
MICHEL, MARY LOUISE.....	Avalon, Pennsylvania
MILLIKEN, MARJORIE JOY.....	Wilkinsburg, Pennsylvania
MOCK, EVELYN ALICE.....	Cheswick, Pennsylvania
MOHN, MARJORIE LOUISE.....	Pittsburgh, Pennsylvania
MOLINATTO, GLORIA ANN.....	Wilkinsburg, Pennsylvania
NEAL, JACQUELINE.....	Pittsburgh, Pennsylvania
NOEL, DOROTHY M.....	Pittsburgh, Pennsylvania
POWER, LOIS MARJORIE.....	O'Hara Township, Pennsylvania
RAE, MARGARET SANDERSON.....	Dormont, Pennsylvania
RAMBO, JEANNE BOYER.....	Wilkinsburg, Pennsylvania
RAMSAY, VIRGINIA RUTH.....	Avalon, Pennsylvania
RAUP, MARTHA MAY.....	Bellevue, Pennsylvania
RITZ, JEANNE ELIZABETH.....	Edgewood, Pennsylvania
SAMPSON, DORIS MAE.....	Pittsburgh, Pennsylvania
SAUERWEIN, ALICE ELAINE.....	Fairmont, West Virginia
SCHUMACHER, MARGARET JANE.....	Pittsburgh, Pennsylvania
SHERRICK, JOAN.....	Mt. Lebanon, Pennsylvania
SNYDER, DORIS JEAN.....	Camp Hill, Pennsylvania
STEWART, MARTHA ANN.....	Sharon, Pennsylvania
SWANN, ROBERTA ELDER.....	Camp Hill, Pennsylvania
THOMAS, JANET MAE.....	Pittsburgh, Pennsylvania
TOY, VIRGINIA MAY.....	Verona, Pennsylvania
TROZZO, NORMA MATILDA.....	Herminie, Pennsylvania
VERSAW, RUTH JEANNE.....	Wilkinsburg, Pennsylvania
WAGNER, JOSEPHINE GLADYS.....	Central City, Pennsylvania
WALLACE, GENE BLANCHE.....	Pittsburgh, Pennsylvania
WALLACE, MARY LOUISE.....	Pittsburgh, Pennsylvania
WEDD, BETTY ANNE.....	Pittsburgh, Pennsylvania
WERNER, JOAN RUTH.....	Pittsburgh, Pennsylvania
WHITE, JOYCE CARLETON.....	Butler, Pennsylvania
WILEY, JOAN.....	Washington, Pennsylvania
WILEY, LAURA HARTJE.....	Washington, Pennsylvania
WILSON, JANICE VIRGINIA.....	Ellwood City, Pennsylvania
YEAGER, JEAN MILDRED.....	Pittsburgh, Pennsylvania
ZELLERS, LOIS ANN DEWALT.....	Columbiana, Ohio

Unclassified Students

Candidates for classification as regular students who are carrying twelve hours or more in college classes, but who are deficient in more than six hours for regular classification.

BGLINGER, BETTY.....	Pittsburgh, Pennsylvania
DIVVENS, AUDREY BRADEN.....	Pittsburgh, Pennsylvania
FLEMING, HARRIET RIDGE.....	Pittsburgh, Pennsylvania
LIND, DOROTHY ANNA.....	Pittsburgh, Pennsylvania
LOWE, KATHRYN CORINNE.....	Pittsburgh, Pennsylvania
MCADAMS, NINA.....	Pittsburgh, Pennsylvania
MCGHEE, OUIDA CLAIRE.....	Mt. Lebanon, Pennsylvania
SAVECKA, ROSALYN.....	Pittsburgh, Pennsylvania
SHOLLAR, ELIZABETH PARRY.....	Pittsburgh, Pennsylvania
TRUXAL, HELEN STEELE.....	Greensburg, Pennsylvania

Special Students

Students who have been admitted for special work other than music:

ARNOLD, KATHERINE.....	Pittsburgh, Pennsylvania
DART, MIRIAM JEAN.....	Wilkesburg, Pennsylvania
DEAN, FLORA MAITLAND.....	Pittsburgh, Pennsylvania
HUNTER, MRS. ESTHER KINCH.....	Pittsburgh, Pennsylvania
LLOYD, RUTH EDNA.....	Pittsburgh, Pennsylvania
TULLY, KAY.....	Mt. Lebanon, Pennsylvania
ZIEGLER, JANE BARBER.....	Mt. Lebanon, Pennsylvania

Students admitted for special work in applied music:

COHEN, MARION.....	Pittsburgh, Pennsylvania
DEBRICK, EDITH MARY.....	Munhall, Pennsylvania
FLOOD, MRS. JEAN.....	Pittsburgh, Pennsylvania
LEETY, MARY ALICE.....	Mt. Lebanon, Pennsylvania
RUSE, RACHEL JANE.....	Pittsburgh, Pennsylvania
SMITH, SALLY ANN.....	Pittsburgh, Pennsylvania
THOMPSON, PAT RUTH.....	Swissvale, Pennsylvania
WESSEL, EILEEN.....	Pittsburgh, Pennsylvania

Seniors	67
Juniors	71
Sophomores	94
Freshmen	108
Unclassified	10
Special	7
Music (not taking academic work).....	8

Total in all departments..... 365

Students of Applied Music

BASENKO, PAULINE	KENNEDY, JANET
BOVARD, JANET	KIRSOPP, DALE
CHANTLER, PEGGY	LEETY, MARY ALICE
COHEN, MARION	LITTLE, VIRGINIA
COLLINS, JUNE	LONG, LOIS
COX, MARTHA	McGEHEE, OUIDA
DEBRICK, EDITH MARY	McKEE, MARGARET ANN
DEMMLER, ALICE	McKENRICK, JOSEPHINE
FINDLEY, BARBARA	McPHERSON, JANE
FLECK, ELIZABETH	MONROE, BETTY
FLOOD, MRS. JEAN	MYERS, HELEN LOUISE
FULTON, EVLYN	REIBER, MARY LOU
FUNK, SUE	RUSE, RACHEL JANE
GARDNER, ALICE LEE	SAMPSON, DORIS MAE
GOODWIN, ANNA JANE	SAMPSON, MARY RUTH
GREGER, ELSE	SAVECKA, ROSALYN
HALLER, MARILOU	SMITH, SALLY ANN
HENDERSON, CATHERINE	THOMPSON, PAT RUTH
HERDT, NANCY	WAGNER, JOSEPHINE
ISHAM, LU ANN	WESSEL, EILEEN
JOHNSON, MARGARET	WHITE, JEAN

Students Enrolled in the Summer Session—1943

ADAMS, ANNA L.	Pittsburgh, Pennsylvania
ARNOLD, KATHRYN	Pittsburgh, Pennsylvania
COPETAS, LULA	Pittsburgh, Pennsylvania
COTT, BARBARA	Pittsburgh, Pennsylvania
CRAIG, PEGGY	Ben Avon, Pennsylvania
ELLIOTT, MARJORIE	Pittsburgh, Pennsylvania
FIELD, JANE MARGARET	Pittsburgh, Pennsylvania
FILIPPELLI, AGNES	Pittsburgh, Pennsylvania
GILBERT, MARY LOU	Pittsburgh, Pennsylvania
GLICK, EVELYN DOROTHY	Pittsburgh, Pennsylvania
HARMS, JOAN	Pittsburgh, Pennsylvania
HENDRYX, PRISCILLA	Pittsburgh, Pennsylvania
JACKSON, LOIS JEAN	Pittsburgh, Pennsylvania
JOHNESCU, BETTY	Wilkinsburg, Pennsylvania
LEVINSON, ARLINE	Pittsburgh, Pennsylvania
LYNCH, RUTH	Crafton, Pennsylvania
McCULLOUGH, JEAN	Dormont, Pennsylvania
MACKIE, HELEN	Pittsburgh, Pennsylvania
MAYHALL, MARJORIE	Pittsburgh, Pennsylvania
MISTRIK, MARGARET	Pittsburgh, Pennsylvania
OESTERLING, MARY LOUISE	Zelienople, Pennsylvania
RAUP, NANCY JANE	Bellevue, Pennsylvania
SHEASBY, LILLIAN	Dormont, Pennsylvania
SPRINGER, MARION	Mt. Lebanon, Pennsylvania
SUCCOP, EDITH	Pittsburgh, Pennsylvania
TEPLITZ, RUTH ELLEN	Pittsburgh, Pennsylvania
VAN KIRK, VIRGINIA	Pittsburgh, Pennsylvania
WHITE, FRANCES MARSHALL	Pittsburgh, Pennsylvania

Alumnae

The Alumnae Association

The Alumnae Association of Pennsylvania College for Women was organized in 1876. In January 1926, an office was established at the College and a part-time secretary employed. Two regular meetings of the association are held every year in October or November and the Saturday preceding Commencement.

Each year the Association gives several scholarships to the College, and maintains a small loan fund to assist worthy students. In 1935 the Association adopted the Alumnae Fund system in place of the older method of collecting fixed dues. As a result of this plan, the Alumnae have been able to make a substantial gift to the College each year since its adoption.

The PCW News Letter, containing news of the College and its graduates, and *The Alumnae Register* are issued by the Association at appointed intervals.

OFFICERS

MARY SHANE MUIR.....	President
ISABEL EPLEY.....	First Vice President
ELEANOR KENWORTHY.....	Second Vice President
RACHEL STEVENSON BAIR.....	Treasurer
MARY ELIZABETH BALMER.....	Recording Secretary
DOROTHY STOEBCNER MARKELL.....	Corresponding Secretary
CORA INGHAM BALDWIN.....	Alumnae Secretary
HARRIETT DUFF PHILLIPS.....	Alumnae Trustee

Alumnae Clubs

In districts where a large number of graduates are living, P.C.W. clubs have been organized. The existing clubs and their presidents are listed below:

CLEVELAND—Mrs. Harold Hodgin (Jean Blair, '33), 16213 Madison Avenue, Lakewood, Ohio.

DETROIT—Miss Imogene Armstrong, '20, 2933 W. Chicago Blvd., Detroit.

GREENSBURG—Mrs. A. T. Plough (Elizabeth Buchanan, '28), 413 Stanton Street.

NEW YORK—Mrs. R. L. Dieffenbacher (Ruth Lenon, '29), 33-28 81st Street, Jackson Heights, L. I.

PHILADELPHIA—Mrs. P. G. Gilbert (Virginia Wilcox, '20), 407 Park Avenue, Swarthmore, Pa.

UNIONTOWN—Mrs. William Springer (Sarah Chisholm, '25), 333 Elizabeth Street.

PITTSBURGH NEIGHBORHOOD CLUBS

CHARTIERS VALLEY—Miss Nancy Campbell, '32, 24 Federal Street, Carnegie, Pa.

EDGEWOOD-SWISSVALE—Miss Doris E. Chatto, ex '39, 1300 Milton Avenue, Regent Square, Pittsburgh, Pa.

HIGHLAND DISTRICT—Miss Sara Jane Anderson, '37, 1013 Sheridan Avenue, Pittsburgh 6, Pa.

NORTH DISTRICT—Miss Elizabeth Bradley, '37, 18 North Freemont Street, Bellevue, Pa.

POINT BREEZE-HOMEWOOD—Mrs. Henry A. C. Kyle (Betty Ramsay, '32), 501 South Lang Avenue, Pittsburgh 8, Pa.

Miss Betty Dean Boots, '22, 7225 Meade Street, Pittsburgh 8, Pa.

SHADY-SIDE—Miss Mary Balmer, '42, 302 South Aiken Avenue, Pittsburgh 6, Pa.

SOUTH HILLS—Miss Ellen Copeland, '42, 54 Hoodridge Drive, Pittsburgh 16, Pa.

Mrs. Charles W. Iams, Jr. (Louise Metzgar, '33), 1374 Navahoe Drive, Pittsburgh 16, Pa.

WILKINSBURG—Mrs. A. A. Steinmiller (Elizabeth Porter, '28), 1713 Turner Avenue, Pittsburgh 21, Pa.

Alumnae Representatives

To disseminate information about Pennsylvania College for Women in communities distant from Pittsburgh, to confer with prospective students and their parents, and to assist the College in selecting the most desirable applicants from their own localities, Alumnae Representatives have been appointed by the college in the following states and districts:

CALIFORNIA—Mrs. John Alden Randall (Marjorie Chubb, '38), 213½ S. Olive Avenue, Alhambra.

CONNECTICUT—Mrs. Francis Wilcox Potter (Mary Louise Towar, '30), 16 Pilgrim Road, West Hartford.

- DISTRICT OF COLUMBIA—Mrs. William C. Bond (Clara Boyd, '29), 6909 Exfair Road, Bethesda, Maryland.
- FLORIDA—Miss Jane B. Evans, '31, 2908 Royal Palm Avenue, Miami Beach.
Mrs. E. S. Volkwein (Sarah F. Marks, '38), 2806 Ionic Avenue, Jacksonville.
Miss Betty MacColl, '29, 220-25th Street, Bradenton.
- GEORGIA—Mrs. Joseph C. Harvard (Mary MacLaughlin, '22), 1237 Gordon Street, S.W., Atlanta.
- ILLINOIS—Mrs. Thaddeus E. Hackett, Jr. (Virginia Glandon, '27), 646 N. Michigan Avenue, Chicago.
- INDIANA—Mrs. Ralph S. Holland (Elizabeth Hewitt, '27), 1321 Prospect Street, Indianapolis.
- KENTUCKY—Miss Augusta Rogers, '19, Catlettsburg.
- MARYLAND—Mrs. Joseph E. Lee, Jr. (Elizabeth Davidson, '28), 704 Hatherleigh Road, Stoneleigh, Baltimore.
- MASSACHUSETTS—Mrs. Risher Dunlevy (Frances Ray, '27), 120 Stedman Street, Brookline.
- MICHIGAN—Mrs. John T. Gallatin (Sophie Gribble, '23), 88 Sunningdale Drive, Grosse Pointe Shores.
Miss Imogene Armstrong, '20, 2933 W. Chicago Boulevard, Detroit.
- NEW JERSEY—Mrs. Henry A. McCracken (Eleanor Fulton, '26), 322 Park Avenue, Newark, New Jersey.
- NEW YORK—Mrs. William G. Rohlfis (Emelyn Taylor, '27), 91 Kirkwood Avenue, Merrick, L. I.
Miss Margaret D. Jefferson, '31, 126 East 19th Street, New York.
- OHIO—Mrs. J. Byers Hays (Charlotte Hunker, '18), 2341 Delaware Road, Cleveland Heights.
- OKLAHOMA—Mrs. William A. Kraus (Harriet Hill, '22), 1220 Johnstone Avenue, Bartlesville.
- PENNSYLVANIA—Mrs. Charles Noyes (Martha Crandall, '17), R.D. No. 1, Butler.
Miss Mary Jane Dom, '29, 150 Westmoreland Avenue, Greensburg.
Miss Doris Thomas, '31, 125 Warren Street, West Pittston.
Mrs. Pierce Gilbert (Virginia Wilcox, '20), 407 Park Avenue, Swarthmore.
Mrs. E. J. Thompson (Harriet Barker, '23), 911 Presqueisle Street, Philipsburg.
Miss Martha Branch, '37, 308 Fourth Avenue, Warren.

TENNESSEE—Mrs. Clifford Barbour (Laura Taber, '19), 623 Scenic Drive, Knoxville.

WEST VIRGINIA—Mrs. Millard Sisler (Florence Keys, '12), 301 Wagner Road, Morgantown.

Mrs. William H. Coston (Henrietta Spelsburg, '28), 187 East Pike Street, Clarksburg.

The Alumnae Council

The Alumnae Council is composed of alumnae members of the College Board of Trustees, members of the Executive Board, chairmen of all committees, the appointed Alumnae Representatives, members from each alumnae class and alumnae club as well as a limited number of associate alumnae.

A conference is held at the College the week-end before the P.C.W. spring vacation.

The purposes of the council are to keep alive the loyalty of alumnae and enlist their active interest in and support of their alma mater, to keep in close touch with the administration of the College and communicate to the alumnae the progress and needs of the College, and to formulate recommendations to be presented at the June meeting of the Alumnae Association for the adoption of policies which will promote the best interests and welfare of the Alumnae Association and the Pennsylvania College for Women.

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